

SEQUENCE LISTING

<110> Abuin, Alejandro
Zambrowicz, Brian
Sands, Arthur T.

<120> Novel Murine Polynucleotide Sequences
and Mutant Cells and Mutant Animals Defined Thereby

<130> LEX-0246-USA

<150> US 60/237,272

<151> 2000-10-02

<160> 1000

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 394

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(394)

<223> n = A,T,C or G

<400> 1

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aatctgcaag	atgactcaaa	ccagagcagc	gtgcctggaa	gaagcanaaa	ccagacgagc	180
tggaagagat	aggatcaacc	cgaggcgcct	gggaagaagt	gcccgcactg	cttcgttgcc	240
tgcaggctgt	gcagtgtgct	cctgagaact	gtcacccatg	ctggggcggg	ccttcatgat	300
gcagctgtct	tttaaacatc	tctgtaagt	ctacccctca	cccacattcc	tgtaagtgc	360
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<210> 2

<211> 495

<212> DNA

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<220>

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<222> (1)...(495)

<223> n = A,T,C or G

<400> 2

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cttccccttc	tttttccccg	gtcacacccc	ccggcccctg	ggcctagant	ctagcctgtg	180
agcccccaact	tccantcctt	agctntttct	gcagcttcca	gcggtgcctg	ggtgtccgag	240
agcctgagan	ccagacggtc	ccagccctgt	gacaaacaga	tgcgggaccc	caccaaccct	300
acagctcagt	ggtaggagg	tctttactgc	tctaccagga	ggttgagttc	ggttcccaac	360
actcatgtca	cataactcac	aagcacgtgt	aactctaagg	aaccattcct	tcccacttct	420
gacctctgaa	gggcagacac	actaataaac	atacacacat	tcaataaata	aataaatctt	480
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<210> 3

<211> 289

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(289)

<223> n = A,T,C or G

<400> 3

tcccagaaac	cacatggngg	ncntcacaac	ccgncnaanc	aagcgetgac	nccctnttnt	60
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gnancaagcg	gancctgaca	tggagcgagt	ggggcctaaa	ttttaaaaaa	atTTTTtttc	180
ttttttcant	acttaaaaaat	gccacctttg	tagctgtatt	ntggaaagtg	cccaactggc	240
atgacatttt	ctatatatgt	taataaagct	gagttttcta	accacctaa		289

<210> 4

<211> 244

<212> DNA

<213> Mus musculus

<400> 4

gactgagtgt	tttgccctgtg	tgtatatatg	tacacgtatg	tacaccatgt	catgagcctc	60
catgggtcgtg	agaggacttt	ggatcccttg	gaactggcgt	tacattgggc	gtgagcctcc	120
atgttggcgc	tgagaagcaa	acctgggttc	tctggaagcg	cagcaagtgc	tcttaaccat	180
cgagccatct	ctccatctca	aaccacccat	gtatataaaa	tgaaaataca	taaaccaaaa	240
aaaa						244

<210> 5

<211> 277

<212> DNA

<213> Mus musculus

<220>

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<222> (1)...(277)

<223> n = A,T,C or G

<400> 5

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ntgaggacct	gaattnantt	gccagcagct	cacaaccann	tggaactcca	ntccggggg	180
atctgacacc	ctcttctgcc	cttctagaac	taccatattc	atgtgcacac	actcatatac	240
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<210> 6

<211> 496

<212> DNA

<213> Mus musculus

<220>

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<223> n = A,T,C or G

<400> 6

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aatacagacc	tgagagtcca	ccctcagact	gcctgagctg	cacagaagac	tgaggcagct	180
gagcagccag	gactcaagca	agctgagcct	tcaaagaaga	ttctcagagg	agaaaaccag	240
cgaagacaac	tcagaccaga	tcagcttctc	ggaagagggt	tagcctggaa	acctgaggca	300
cctggaaaag	acactcttca	acctgtggag	ctgcctgatg	actgtgcaat	gcgcttcagg	360
tttcccactg	tgtgagctgt	cacccatgct	ggagtgggct	ttcgtaatat	agctgtcttt	420
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<210> 7
 <211> 233
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(233)
 <223> n = A,T,C or G

<400> 7
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 ggcaaatcat agtcagctgc tgcnnntagca gccccatagc accacacctg ggattaaaat 120
 gaaaatgtat aatattccag aatttttact atactttata ttggaaaaaa ccttcctaaa 180
 gttcaccgta aaaggccttt agtcttttta aaaaatatat ttatttttaa gta 233

<210> 8
 <211> 219
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(219)
 <223> n = A,T,C or G

<400> 8
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 gacgcctccn tctgaaggaa caggctgtgc aatgcttcac atggattctg gaagagcatc 120
 aagcactcct aaccactgag ccatctctcc gacccttgaa ttttcattgta ctagctttct 180
 ggcattgtgc ttgttcatta aaaaaaaagg tctattatt 219

<210> 9
 <211> 364
 <212> DNA
 <213> Mus musculus

<400> 9
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 gctctagcac aagacttccg gatccaaaca ttcttcagct gtgatgcaaa ccttttgect 120
 gtgcaacatt catctgaact gacttgcac gccccacgg gactgaggat aaggagagcc 180
 cgatgtgaac ataaaacttg ttgctctaca cctacgctgc gaccctttaa ttcagtcctt 240
 catggtgtgg caaccogaac cagaacattc ttttcattgc tacttcatag ctgtaatttt 300
 gctactgtta cgatttataa tgtaaataa tgtttttctg tgggtgttaa gtgaaaaaaa 360
 aaaa 364

<210> 10
 <211> 559
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(559)
 <223> n = A,T,C or G

<400> 10
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 ggtggganag gggaaaaaat ntcccgtca ctgcccgtac ctaaatnnn tccctgacga 120
 nggaccgccc tccatcagac ganctgcact tcctggctcg agtgcancnt gtcncctgt 180
 acctccctct gcctggcggc ctccaannan agcctcntgt ttgtttgcnn canngcgtct 240
 gtcctctgta ggctggaca ntccctggana atttgctatg tagaccgggc tgggantaag 300
 ctcactttat acaaganaac attaacagga ggctggaaag atagctcagc ggttcctagc 360

acccacatgg	ttggttcaca	acagcttgta	attccagctc	caggagactt	aataaccccc	420
cgctctgaac	tgtgaggggtg	cacgtggcag	attctcacag	atacacaaac	acacacaaat	480
ttcttcttaa	aaaggaaaca	ttaacagatt	ctagaggaac	tggatgaaaa	ggaataaaaa	540
aaggattttg	ttttgtttt					559

<210> 11
 <211> 441
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(441)
 <223> n = A,T,C or G

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aggaacccctg	cgctcctggg	ttgcctctcg	tcagcctccc	ccagccttga	agcaggctga	180
tcagaatttg	accttgctgc	cactgagaat	gagaccacct	ggggtggagc	cttccaactt	240
agatggctct	attgttctgt	ctgctcttct	ccaaaattct	gctacctgct	gagaggccct	300
tgagatattc	cagagacagc	atccagcaga	tcacactaca	cgctggcaac	aggcatcaag	360
aatggattgg	cagggaatgg	gcctcccccc	tttataagca	cagactctta	gtaaacttgg	420
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<210> 12
 <211> 244
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(244)
 <223> n = A,T,C or G

<400> 12						
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ccaggagctc	cagcgccctc	ttctggcctt	tgtggcactg	cattaacaca	gtgcatctat	180
gtccaggccg	aacatcatat	acataaaaaga	ataaaaataga	aaatgtttga	gttaaaaaaa	240
aaaa						244

<210> 13
 <211> 144
 <212> DNA
 <213> Mus musculus

<400> 13						
agactgagga	gattttctca	gcaacatcat	ttaaaaggaa	attaatggcg	aaaatggggc	60
attgggaaac	catgggggag	ggggggagact	gagagaatga	gaatgaataa	tggcaaaata	120
aataaataaa	taaataaata	aaaa				144

<210> 14
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 <212> DNA
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<220>
 <221> misc_feature
 <222> (1)...(395)
 <223> n = A,T,C or G

<400> 14

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attggctact	ctctctctgt	acctcacaga	gcctcattat	catacctnat	ttgcatgtct	180
cacacctgat	tggttatagt	ctcaaagcct	cattatcatg	cccgggccag	gcagngtctt	240
tgcaaaaaac	tttactgcat	atgtacacat	tggttggttg	tccaaactta	tgcgtggngg	300
ccagcagtag	tcagtgccac	tctgcaacgg	cacatgtggc	ttcccacatc	tccccctttt	360
tgttttaata	aatgaggct	ggactaggcc	tgtgc			395

<210> 15
 <211> 324
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(324)
 <223> n = A,T,C or G

<400> 15						60
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acccacccca	tcactcgga	ccctagcatt	tatagaccct	ctggaaagtc	ctcaaattcc	180
aaatgtcaca	caattgcaga	aactatctgc	agttggcaaa	aaacgtgcct	ctgctagagc	240
acctaagcaa	atcagagtca	gctgctgtgg	acagaatgaa	gcagcccat	atcccatagc	300
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tcaaaattgt	cactaaaaaa	aaaa				

<210> 16
 <211> 310
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(310)
 <223> n = A,T,C or G

<400> 16						60
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cctccacctg	cttctccatt	tgaagngang	acctnccatc	cggagctgga	naanngnctc	180
ancngttaan	agcactnact	gctcttggag	aggaccaga	ccagctccca	naagccatat	240
cggnagcnc	caatcttcta	tgactctgnt	ngcggggaga	atctgacact	gtcttctgga	300
taggaagtct	ttttctctgt	ctagcctctt	caataaagac	atctgcgtgt	cctcacccca	310
aaaaaaaaaa						

<210> 17
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 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(396)
 <223> n = A,T,C or G

<400> 17						60
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gcatacnnga	cccaccaaag	cagagcctgn	nctncagggt	nccancgcc	cncctcagtc	180
cctaccttgg	cataccctgc	cccacacagg	gaactttcca	gccaggtgc	ttgtccgccc	240
tcccccaaga	gtctcctccc	aatataanc	agacatttag	tctctgccct	tctctctctt	300
cctctccttc	tcttctttct	cctncaatgc	tcccttttgc	tcccttacc	ccaccccat	360
ggcaatccca	tggcctcaat	ccctggggtc	agtgaacctg	ccgcctgag	agtagcatcc	396
caataaacct	gtcttcaggt	actccaaaa	aaaaaa			

<210> 18
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 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(202)
 <223> n = A,T,C or G

<400> 18							
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agaactggna	actgaactgc	agtcttccgg	aaagcatcaa	gagctgctcg	cagtgccag		120
tgtgcagcac	cctccccac	ccccaataat	taaatataaa	aataaatctt	aaaggcctga		180
gccaccctgc	ccagaaaaag	aa					202

<210> 19
 <211> 346
 <212> DNA
 <213> Mus musculus

<400> 19							
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cagttgggtg	acaccgcgtt	ctggacctgc	tcgcctaagt	ggagctctgg	agtttatatt		120
cttaaaccctc	acgtgctgca	cacatgaatg	aacctgacct	gagagcctta	ctagcctacg		180
tggagggaga	ctgtgtatcc	actacagggc	aggggatgta	gctcaacttg	cagagtgcct		240
gcctagcatg	cacaaagccc	gacgtgacat	cttcagcatg	gagcagactg	gatggggcgc		300
atgtctgtaa	tcccagcact	tgggaggtgg	ggaggtgatt	gggtca			346

<210> 20
 <211> 285
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(285)
 <223> n = A,T,C or G

<400> 20							
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ggagcnaaca	ccnctttttg	gaatcccttg	atgatgaata	aaaagagcca	ggctatttct		120
gggacattaa	tggggtaggg	aggatagtta	agacttttag	tggggaaatc	aacatattta		180
gggtaagttaa	tatccattta	caaatacaca	aacatgaaga	aacagatagg	aatcaaaactc		240
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<210> 21
 <211> 484
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(484)
 <223> n = A,T,C or G

<400> 21							
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gagtcaactc	tactttctac	catgtgggtc	tcagggatgg	aacttgggtt	ggtggcaagt		120
gcttccattc	actgagccat	cttgccagcc	catcatctat	tacatttaaa	tttaatttac		180
aaaagactat	acaggtaaag	tgggtcccagn	ataaaggaga	cacttgaaca	naaaaatcac		240
tcataacana	caccgcccac	acactgatgg	ttgttgtact	gaattgtant	atnctctttt		300
tgtgacatct	ctttgactta	aanacctgtg	anggggagng	attncacnnc	aaaatatnta		360

accctatngg	ncctnnagga	cccatggggg	tggtggngga	nanngcnncc	agntgcaang	420
ganantgnat	nngacaaagc	cncanntctn	ggtgcctaaa	acaagagcta	tttgttttct	480
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<210> 22
 <211> 525
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(525)
 <223> n = A,T,C or G

<400> 22						
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caccatgcag	aaactcaggg	tancctcttca	ggaaaaagtc	tatatctgtc	ccagaagatc	120
tccacctcag	aggacagaca	ccatccagga	tcagtgatgt	ggccagcana	ctgctcctgt	180
ggtgggtctac	accacgccag	ctccaggtgg	tcttgaagaa	tccacaaacc	caatgtttagc	240
atttantcta	agctccgccc	cacagttacc	tggcaacagc	caggtgtgcc	agactctcta	300
taaaaggggc	tgcttgcttc	ctctgtctct	tcttgtctct	gccttcttac	ttncgctctg	360
ctctgtcctc	tcattncttc	ccctcccnac	ctgcctgcat	gtgttnatgg	ctggcatcta	420
cttctctact	ctctccctct	tctctctctt	ccccctctct	tttctctctg	actttctctg	480
cctctactta	ccctcttaac	tccctctccc	atgccctgaa	taaac		525

<210> 23
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 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(304)
 <223> n = A,T,C or G

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ggtgacaggc	tggcctcaga	ctccggtgct	caaggatatt	cttgcttcag	gttcccaaatt	180
agcactgcac	actgcacaca	gtgaatcccc	atgcctgatg	gtggatttct	gagttcgagg	240
ccagcctggg	ctacaaagng	agttccagga	cagccggggc	tacacagaga	aaccctatct	300
tgaa						304

<210> 24
 <211> 363
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(363)
 <223> n = A,T,C or G

<400> 24						
gactgaggtc	tcacttttga	getctggenc	ttctggactc	agcctgnaga	gcagnctggg	60
cttgnactcn	cagagattca	tntgcttcag	ccgtctcctc	ccnccaggac	tgggatnana	120
ggcatatacc	accangcctg	atctgaagaa	aacctantta	ttaaatttat	aatagcatgt	180
tggtatcctc	atacattgaa	tactaatcan	actattcttt	gaatacaacy	tggmagagag	240
ttcacngtat	aaaatganga	gcatgtatct	ttnnatattat	aaatcccatg	ctaattggnc	300
acaaagattt	gnaanangtc	aaacctactc	tgggttanta	anaaggatct	atcctcccta	360
tct						363

<210> 25

<211> 275
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(275)
 <223> n = A,T,C or G

<400> 25
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 tgcccaacag gtggtgccac catgtgaaaa ttagtcctgg tggtcctaga gagatgactt 120
 agagattaaa aagcatacac agntgttcca gancactgga gttcagtact cagcatccat 180
 attgagtggc tntaactcc cccgactnca ggggtatnca gtaccttacc agtgcccctc 240
 tgtacactac acacacacac acattcatac aaaca 275

<210> 26
 <211> 525
 <212> DNA
 <213> Mus musculus

<220>
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 <222> (1)...(525)
 <223> n = A,T,C or G

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 catctctgnc tattgancat tcacaagagg tccnttcttg gcttctggaa tggggcngaa 120
 gatnntggnt ngcccagcct ttggacccat ggctgcctct gacatcacca taggcctntg 180
 atgagtccag ngacatgttc taccaacaga tacaattttt caaaagctgg agttttatcc 240
 tggggccctt tgactccttt ggtctcctta agttctcttc tccttcttct cctttttctt 300
 ctctttttcc tctttctcct cctcctcctc ctctcttgca gctttccagt ctgtcctgac 360
 atgtacacac ccattctgca gtccacctat agatgggtccc attagcatag agacaatatg 420
 agggagggat ttgttctgac ttcttttaaat catgtctacc tttttgtttt attctccatt 480
 ctctcttttt ctttttaaaa tcaattttta ttatttttat taatt 525

<210> 27
 <211> 181
 <212> DNA
 <213> Mus musculus

<400> 27
 gactgagagg aagtgaacac tcagteccat agtcaagctt tatggcagag gactctggta 60
 aggatggaga caacgtctgt aagaaaacta ctgcagatga aggggtggcc aatgggtggct 120
 tgctggacaa acctggcctg ctttctgttt ttgtcaataa agttttatta gaaaaaaaaa 180
 a 181

<210> 28
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 <212> DNA
 <213> Mus musculus

<220>
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<400> 28
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 aatccttggc ctntggaaga gcagncagtg ttcttaactg ctgagccatc tctccagccc 120
 ctttatatca cttcctaaag atgatttgat tggctcttgg gtttacctg ggggtggagca 180
 tgggtggctga ttagtattaa taaatatatt ttcttcttcg taaaaaaaaa aa 232

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<220>
<221> misc_feature
<222> (1)...(118)
<223> n = A,T,C or G
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<400> 30
tgatgattga cccggctctg aaaaaggggc accataaact gtaccngcta cgatgggcag 60
catttcagcc tggccgtgag tagccggcgc gccttnccgc cacccecaaa aaaaaaaaa 118

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<220> .
<221> misc_feature
<222> (1)...(493)
<223> n = A,T,C or G
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[illegible]

```
<220>
<221> misc_feature
<222> (1)...(430)
<223> n = A,T,C or G
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<400> 32
gaacttgagc acagtctntt tcagtgtgcc tgtcangcnt cctgngangc accaggantg 60

gtggggcaca	cttttacccc	ngcactctgg	agganaagac	tgagcgatct	aggtagtgcc	120
accgctgctg	attcctggtt	gttatcctga	ctctagcgga	actggactgc	tgtgcatttg	180
tgaagtgttt	gcaagtgggt	agagctgccg	ctgctaacct	gtgaactgaa	ctgctgattt	240
ccagacatca	cagacaggag	ttgcttnaaa	gaacctttct	gaacagggtcc	acttcctca	300
tatcctttgt	tttcactat	caccggtggg	tgatgggcta	caaggagggt	taaagtgatt	360
aagaaccatc	attaaaaata	ggtgtttgaa	aaaattaaaa	ttacaactag	cctgtgtaac	420
acaaaaaaaa						430

<210> 33
 <211> 317
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(317)
 <223> n = A,T,C or G

<400> 33						
gactgagcct	cggatacatt	tgaccancan	ctggttatga	anaataaacc	tgctntnngt	60
nanantgngg	ctgaggatga	aggcacagga	taaaacaggg	ctggagagat	ggnctggctg	120
accaagagga	cccattccca	gaactcacnt	ggcagcatga	caccgcattt	ctaacntaca	180
ngcctanggg	atcttcagg	gatnctaate	tacaanaagt	gtgctganca	cgttgacctt	240
ggacttcnna	gctatgaagt	tgngaaaaat	ggatttcaca	gngcagnggt	ggcncataac	300
tttgateccca	gcacttg					317

<210> 34
 <211> 515
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(515)
 <223> n = A,T,C or G

<400> 34						
tgagccatct	ctgagnnccc	tcogangctt	tctactgaaa	ctctgcttga	ganacctggg	60
ctagggaagc	aaatgaaatc	aggccgcacc	tccctgaagc	ctgtcttctc	gggagttctc	120
tcttccctct	tgcagctgtg	agcaagccta	gaccacagac	aaccttgtaa	gacaacttca	180
gtcagtgcca	ggcagatcac	atgggtatgga	tctggccacc	tncactgaca	acgccggatc	240
cggatggcct	tcgtttctta	gaatccagga	ctcttttctca	ctagcttctt	tactctgggtg	300
tggetgtgccc	tgctactggg	ctcccatgtc	acggcctgat	cgcagctgct	catgatcatg	360
aagatctctc	ctagtaaagt	tcactctgaag	gacaattttg	tgtaaacttc	tgctctttcc	420
aacacttgaa	atgaagagtc	caccgncaca	tgggttagga	caagagtcag	agataacctc	480
tgagatcacc	acactgagct	cctgaatgta	gcata			515

<210> 35
 <211> 543
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(543)
 <223> n = A,T,C or G

<400> 35						
gcacatctgt	tggagcctac	ttcttcagga	ttacagttaa	tacagaagac	cagctgaaac	60
accagactg	cgactcacg	cccactggaa	gcctacctct	tcaggattgc	agtttatata	120
gagggccagc	tgaacacact	agcctcgtgg	aactagactc	ttggacttcc	cattttacagn	180
tgctcattgt	tgggactagc	ggctcattca	gcaccatgga	gagtgccacc	atcagccctc	240
agccccccaca	gtctgactcc	ctggaggcct	ttccccagaa	gagcatggag	cctgcagaca	300

tngetgtcct	agttctgtac	ttcctctttg	ttctggctgn	tggattatgg	tccacagtga	360
ggaccaaacy	agacacagng	aaaggctact	tcctggctgg	aggggacatg	gngtggcang	420
ccagnggggtg	canncttgtn	ngccagcant	ggttggaagt	ggacaccttn	attggncnng	480
ntgggnctgn	tgctgntggg	ggcatttctg	ncnctgccta	tgaacttaat	ggcttgcttt	540
ttg						543

<210> 36
 <211> 304
 <212> DNA
 <213> Mus musculus

<400> 36						
gactgagggc	cttggctcct	ctggcacagg	agttataggg	gttgtgagca	ccatgtggat	60
gctgggaatg	gaacccagtg	catctgcaag	aacacctagg	ctggcctgaa	actcactatg	120
aagccagaga	tgaccttgaa	cttctgatcc	tctcacctcc	atccctgagt	gctgggactg	180
ctgaagctgg	ataagaaatt	aagaaagaac	ttaagaggca	tttggtgggtg	acagctgatg	240
aagcactata	aggacagaat	gacaatgtgt	catttatattt	aaaaattttt	taaattacaa	300
agaa						304

<210> 37
 <211> 295
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 37						
tgtctgtggc	tatgggatnc	acattgctnt	cantcgaaac	cnnggangtt	nccaaagtct	60
ggggcatggg	actcagcaaa	gattcccagc	tgggattcca	caggagccgg	aaggatnaaa	120
gggcctgggtg	agatgggtca	gtgggtttaag	agccgccaac	ctgcctcttc	caanggttcc	180
tgagttcaaa	tcccagcaac	cacatggcgg	gctcacaacc	atcccgaat	gaaatcctga	240
tgccctcttc	tggngtgtct	gaagacaggt	acagngtnt	tataataaat	aaata	295

<210> 38
 <211> 279
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(279)
 <223> n = A,T,C or G

<400> 38						
agactgaggg	gctcactatg	cngetctgga	cagntataca	ctnatcgaat	taacagaccg	60
acctgccttg	gctttccaaa	tgctgaagtt	aaggaggtct	natgatgntc	agacgaggct	120
tgaacangat	acttaataca	gccggggcgg	ggtggcacac	acctttaatc	ccagcagttg	180
ggagacagag	gcaggcggat	ttctgagttc	gaggccagcc	tggtctacag	agtgagttcc	240
agcacagcaa	gggcaaatcc	tgactcggaa	aaaaaaaa			279

<210> 39
 <211> 267
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(267)
 <223> n = A,T,C or G

<400> 39
cacagtggtc ccagcccatg gacctgnant ctanagacac tanncatgtn ngganngcnt 60
gnngacnttn ntgacaaaaan ancacatcan ctgcccanc aacancaaca ncaacaacaa 120
cnacaacaac aacaacanca acaaccaacc ccaaaccatga taggaaacag cctaataaaa 180
acatnccttt atagccagta caaaggcatg tgtaaaatta atttaaactc tncatttgaa 240
gaataaaaat tactagcctc ttggtga 267

<210> 40
<211> 219
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(219)
<223> n = A,T,C or G

<400> 40
catctttggc gagctccaac cccatgtcng tatggatgnt gatgngcttn caccnngatg 60
atacacggac tngaagtctc ntgaanctgc acattcanac ccaannaant gntaatgttt 120
atatgancat naggtaancc attctgtaaa ccacaaatac acagagagat atttgctgca 180
tgatataagt taatattagn aacttcgatt tgaataata 219

<210> 41
<211> 271
<212> DNA
<213> Mus musculus

<400> 41
ccaggctctgc atgtggttcc caggcatata tgtggacaaa tcgtctatgc acataaaata 60
aaggaagcct gctgaacatg accctggaag caagccagtgc cctggaagtc agtcttccag 120
ttgcagcctt tggatgaaga catagaactc tcagctctgc ctgcgccctg cctgcctgga 180
tactgccatg ctcccacctt gatgataatg gactaaacct ctgagcttgc aagccagtcc 240
caattaaatg ttgttttcta agaaaaaaaa a 271

<210> 42
<211> 171
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(171)
<223> n = A,T,C or G

<400> 42
agactgatat gtcactaagt agccctggna ggctagtctg gaaacttgat gtgtgggacta 60
ggctgacctc catccaattc acagaaagcc acctgctcct gctcccaag taccgggata 120
aacatgtatg ctatatgccc aggtcatgta atgtattgtt attgttgttt g 171

<210> 43
<211> 155
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(155)
<223> n = A,T,C or G

<400> 43
gcgaaagcca gtatgacctt naacncctgt tncntngctt ncatgccccg aggactgnga 60
ttgcattggg taccanctg cctgtgggtg ctggtcattg aatctaaggc tnnangggta 120

ctaggcattc cctccacgac tgagaaaaaa aagaa

155

<210> 44
<211> 299
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(299)
<223> n = A,T,C or G

<400> 44
gactgagatt ctccatgggtg aacaacacag cagggtcatcc tctaaagagc caagtctaata 60
ctcctgcaga aggcctctct gngctcccag ncagtttcca ccaagccatg ctgcctgcc 120
gggtcaagatg tgatcattct gctgctgctt catcaccatg cctgttgctt ganccatgat 180
gntgatngnt gcatccaact ggaaccatga tcccaacttc aaacacaccc tttcttctgn 240
angngnnact ttctnatnng gnttttctta cagccatana aagtaactaa cataaccat 299

<210> 45
<211> 307
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(307)
<223> n = A,T,C or G

<400> 45
actgaggctc tcggcagtggtg tggacgcaca ccttgatccc agcacttggg aggctgaggc 60
agggtggattt ctgagttgga ggccagcctg gtctacaaac agactgcaag ctgtactgcc 120
ctaatcanac cccagggctg caaactgaga tgctcaaga cttcgctaag ctacaagaag 180
cagttctgca cgggtggggt ggccagccag cctctgtagc acccctcctg gattcgtatc 240
ccagctctac ctggccctca gggcttgatt tctaattaga gaatgcagat acagttgaaa 300
aaaaaaa 307

<210> 46
<211> 516
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(516)
<223> n = A,T,C or G

<400> 46
gctgggatga acccagggcc ctgcagcatg ctctgcaggc tcatgctgct gactgaacct 60
gctgctggaa cctgctgctg ggaaactcat ttttaaagca aacaaatgtc actgatgctc 120
agcaagngcc aagaatattc agctgggaac ctgtgctggc taactttatg tcaagatgac 180
acaagttcaa gtcacatca gcgcggagg aagcctcagc tgatgagtcc atgaaggaat 240
tttctcaatt agtgaatgat ggggaaaagc ccagtcatt gtgggtggtg ccatecctga 300
gctggtgagc aagcaagccg ttgggaacaa ggcagtaggc agcatcttcc atggcatctg 360
catcagggtc ctgccttgac tttctcagn gatgaaagt atggnggaag tgtaagccag 420
atagaccctt tctctctccg gntgctntgc tcatagagtt tcatcgaagc aatgggttacc 480
ctaagacaga ctctaccgnt ggtaagatgc ctggtg 516

<210> 47
<211> 267
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(267)
 <223> n = A,T,C or G

<400> 47
 ttcaccctgc gccacttcat cgtgtaccca cccagagtcg gccgtgcact gcacccctgaa 60
 ggaggaagag aatggaggcc cgaggaggaa gaggaggagg aggaggaccc tccccncggc 120
 accgccttga gcccatggac accatctttg ngaagaatgt gaaggatggt ggccccgccc 180
 acagggcccg ngctttncac aggagaccng nctggtgaag nntgaatggn gagagcatct 240
 ctgggnaggg gctatttcaa cgctata 267

<210> 48
 <211> 255
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(255)
 <223> n = A,T,C or G

<400> 48
 gagactgagg tgtctgagcg gccggagagg cattagaatg ccttggagct gaagttaaaa 60
 ggcttttcta aatcaccaaa tatgggtgct gggattcaaa ctcaagtcctc aggattgagc 120
 aggaacacact cttaccacag gagtcatttc tccagtcctc cagaaaagct tctacaaggt 180
 gagcgtcatt tctgagntat aagtattntt gnaaataccg ntttccaggc agaataaact 240
 aaagaaaata tctca 255

<210> 49
 <211> 315
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(315)
 <223> n = A,T,C or G

<400> 49
 aactgaggtg ctcccttgett gtcaggagct tctccttccg ctccaccgcn tctcncgctt 60
 cacagacaat gtcnacantc cnnttcattt angcaagcgc agaaaggacn cccccctgtt 120
 ttcccncttc agcctgtgtt tggtttctcg gcccccttcc ttccgcctg caatttttcc 180
 aacctgttca gccntttcttc agacaatttt tgaaacctaa atataagang angaaggagg 240
 aggaggagga ggannaggag gagaaggnga aggagaagga gaaggagaag gagaaggaga 300
 aggaggagga agacg 315

<210> 50
 <211> 277
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(277)
 <223> n = A,T,C or G

<400> 50
 gactgaggac cacagggccn ggtggccctg ntgctgagaa ctcaccaacg gtacaaaatg 60
 gaacgaggac ttgggaacaa ccagatgaca acctgaaaac tccagactag actgtttttg 120
 ttgttaaaat actaacaaca gccagtcctg ggcacacacn ttttaacccc ggaactagga 180
 ggcagaggcg ggtagatctc tgtagttgaa ccaattttaa cttatccctg tctagcttac 240
 aatgaataa aactcagact atgggttaaaa aaaaaaa 277

<210> 51
 <211> 394
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(394)
 <223> n = A,T,C or G

<400> 51							
actgaggtgc	cccgtgctcc	agccagcctt	gcctcctcac	tntcctgggc	attcctccga		60
ganctcctgc	ctctcaacct	ttgctagtgc	tattctctgt	gcctgggacg	atacctttga		120
ctcatcttgc	acctgacctt	ntggagagag	cttgggcctt	tggaggcaga	gagaccctgg		180
gttcggattt	ctggcttcac	agcttattat	ttggacaagt	cctttggaaa	agtanntaac		240
nnntctggag	ccccagcttc	ctaaccctgt	aaaaatggag	ntgntaacac	cctaccnntg		300
ccagggttgt	tgtaaggatt	aacctgaaat	tatatatgta	tctaatacaa	ttaacatata		360
gtcaataaat	gacacgtcgc	tgtaaaaaaa	aaaa				394

<210> 52
 <211> 401
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(401)
 <223> n = A,T,C or G

<400> 52							
gactgaggtc	agatgtaagc	tctcagctac	ttttgcaatg	ttctgccagc	ctgcctagtgc		60
ctatgtctcc	accaacgatg	gtcaagaact	caccctctga	aaaggatgct	acattggatc		120
aagatgtaga	acactcaggc	tccttctcca	ncaccgngtc	tgngctggat	gcatgccatg		180
ctttcccacc	atgatgatac	aggactgaac	ctctgnacct	gtnnaccacc	cctaattaaa		240
tgntgtcctt	tatganagct	anattggatc	acgatgtggn	aacactcngc	tccttctcca		300
gcaccgagtn	tgtctggatg	cctgccatgc	ttcccaccat	gatgatacag	gactgaacct		360
ctgaacctgt	aaaccacccc	taattaaatg	ttgtccttta	t			401

<210> 53
 <211> 290
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(290)
 <223> n = A,T,C or G

<400> 53							
aactgagcct	tttattgtgt	gctatgtaga	ctacagtggc	cctgagctca	cagagcgcca		60
cctgtccctg	ctttctgggt	gccctanagc	gctgnntgac	tgaanancan	ttanctaccn		120
tacagcacca	tgccctgcta	catectgcca	ggaatgcnaa	ctggaccaag	acctgngaga		180
ctgtangcca	gngcccagcc	taaatgcttc	cttttataan	agttgntgag	ntcacagngt		240
cctattcngn	acagttncac	agtgactcgn	acacatacta	tcaacagata			290

<210> 54
 <211> 215
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(215)

<223> n = A,T,C or G

<400> 54

gccaccatg	gaagccctgg	ctgtcttgg	gctcacagag	catccgcca	ctctgccgac	60
ccctacttaa	ctctggttna	aggngtgcac	caccatgccn	ggctctccac	agagaatttt	120
tattcttagc	atgnnaggct	cttcttntg	ggtcatttta	ttcattttac	tacncagcag	180
agcttttact	aaaagacttt	ttccccccatt	taaaa			215

<210> 55

<211> 381

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(381)

<223> n = A,T,C or G

<400> 55

gactgagggtt	tttcttcccg	tgaagnggca	aggaggacta	ctgaagctct	tataaagaaa	60
agcattttaat	ttgggctggc	ttacaattca	gagctttaat	ccattattgn	catggtagga	120
aacatggcag	cacacaagca	gacatgggtg	tggagataaa	tagccaaaag	ttctttctac	180
atcttcgtct	gcaggcagca	ggaagtttga	gagacagtgg	gtctggcttg	agcattttgca	240
acctcaaaga	ccccaccca	ccctgtgtgac	acacttcctt	caacaagcca	cacctaatag	300
ccattcccag	gtgactaagc	atttaaactc	ctgagccaca	gtataacttc	aataaattcc	360
ttgaaatttg	aaaaaaaaa	a				381

<210> 56

<211> 240

<212> DNA

<213> Mus musculus

<400> 56

agactgagac	tgcaaaggag	gggcgaaacg	aagacatggt	gaagggtggca	tgaacctgtg	60
gtccagctac	ccatgctgat	tgggcccagg	agttcgagag	gtcctgagca	attcctagca	120
acaacatggt	ggctcacaac	catctgtaat	gggatcccga	tgccctcttc	tggtgtgtct	180
gaagacagcg	tacagtgtac	ctcctataaa	tgaataaat	aaataaatct	ctgaaaaaaaa	240

<210> 57

<211> 507

<212> DNA

<213> Mus musculus

<400> 57

gactgaggcc	gaccagcagc	tcccagagacg	gtacaactga	gatggcagct	cgagggtgaaa	60
gagagggaact	agacagacgg	aagaaagaac	ggagccaagt	caaagtggac	tctgatcaaa	120
gctcaatttt	actattccaa	cactgcagtt	atgaaggagg	ggaagggggg	gccgattccc	180
gccaaataat	cctggagtcc	agtagcaggg	tgaccacgtg	tatggctcca	gaacagcaaa	240
gcagcagggt	ccagcagtg	gcgtggcaga	acgattgagg	ggcaagctcc	atccagatgt	300
aaacagtggga	accattaagg	ctgggggagg	gaaggctaca	ggttcagata	ccataaatgc	360
atagaggcca	taaattctga	tccagtagtg	ctggagtaaa	cagacagttg	tgaatcacc	420
aacatgggtg	ctggggattt	aactcaaattg	acctggaaga	gcaaactctt	aaactgctgag	480
agctctctcc	agggccaaata	agaatta				507

<210> 58

<211> 554

<212> DNA

<213> Mus musculus

<400> 58

gactgagatt	taaaaagaag	gaggaggagg	aggaggagaa	caacaacaac	aaaaacaaca	60
acaacaacaa	caacaactat	cttatgttca	agtgcttaag	gtggctggat	cttccatccc	120
gacttctct	gcaactcatt	tctcatgcat	ttcacattaa	agtattcaca	ggagacctgg	180

tcagagatag	gaaacggagg	tagcatttac	agtcagttcg	agggtgtggct	gctacatatc	240
cctgctgggt	gtaggactga	ccccccagga	acgctcttct	gactcagcaa	cagactccga	300
gattccgaga	tctcagcagc	acctgtgccg	aagcacacgc	acgcaggaat	gtgtctgcac	360
agaggaggaa	cacgtgttga	catacatgga	accaggagct	aatctatgga	aactcttccc	420
accaccctgt	gtacaaaagtc	ataagcggga	gacgccatgt	ttcatccata	ctatttaaaa	480
cagaaattct	ctcctatagg	gattgtgctc	agcaaagaaa	catctacaat	tacgtcaaat	540
aaattgagcc	gcga					554

<210> 59
 <211> 178
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(178)
 <223> n = A,T,C or G

<400> 59						
gactgaggta	ccaggcatgc	atgtggtccc	aggcatactt	gccagcgcca	gcatgcacat	60
gcgcaccccc	caccacacag	agagagagag	agagagagag	agaggaanat	ccagggtatcc	120
agggtangnn	atattgnct	gtgtnttggg	ctggagagat	ggctcattgg	ataagagc	178

<210> 60
 <211> 443
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(443)
 <223> n = A,T,C or G

<400> 60						
gactgaggat	tcttgaggag	agaanatgag	tcatcagaac	aaaggactct	gangccttag	60
agacaacagc	agcacaagtc	ttccacagag	gaagagnctg	natcaccaan	gagcatagcn	120
cnggattgga	cctaggcccc	ctgcataatat	atatgcagat	gagccacgtt	gancttcatg	180
cagatctccc	aaacatcttg	gngetggnnc	gtgccccttg	agtttgctgc	ctgcttgngg	240
atgcttgccg	ccttaaatng	gnntgtnttg	tttggcctgg	gtgngnaata	agattnnctt	300
actccttnc	gcaggacttt	gaagggnggg	ggngngngng	gtggnaaaag	nnnaatttnn	360
agataggggg	cttcccnntt	cttntttaag	naggggagnnt	ggaggaaagg	ancntnncta	420
agggggntat	tggggagggg	agc				443

<210> 61
 <211> 433
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(433)
 <223> n = A,T,C or G

<400> 61						
gaactgagat	ttattttattt	tatgtacatg	agtacacatg	tagctgtctt	cagactcacc	60
annaagaggg	catcagatcc	cattacagat	ggttgagcta	ccatgtggnt	gctgggaatt	120
gaactcaaga	cctcnttgaa	gaccaagtca	agtgtctctg	accaccaagc	catctntcca	180
ggncaaagat	cacatctctt	tgctcttccc	ttacagttgc	accagcctgg	gaatcaagaa	240
tgcaaatcca	taagcctatg	gttccagttc	tattcaaacc	atcatagtaa	ccggcacctg	300
ttctgacaat	catgctaagg	aatggaaaag	gagtgtgtgn	gtcagaatgg	caggggaagca	360
tcttaacagc	aaactaagcc	agagtanttc	catgtggaag	angctttatt	ggaagggaga	420
gacaaagtag	tgg					433

<210> 62
 <211> 166
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(166)
 <223> n = A,T,C or G

<400> 62							
ttgccttacc	agaaagacnc	catgtttcaa	cctcccagnc	cttacatggc	tagcttacaa		60
catgtnactc	cagtttcagg	ngctctgata	cccttacaca	gacatgcatg	caagcaaaac		120
accagcgcgc	atgaaataaa	agtaaatacc	tttttaaaaa	aaaaaa			166

<210> 63
 <211> 546
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(546)
 <223> n = A,T,C or G

<400> 63							
gactgaggtg	ctggctcctg	gggtccgaagt	gcctcatgat	actggatcga	ttggcgaaaa		60
gctaagtaag	gtgnnttccg	atactatctn	ntanttgang	acccaatact	tcagcngtng		120
tggnnncnagg	cctttaaccc	cngcactcag	tgaggccnat	nagtgccaca	ntagaggcaa		180
ggggacagcc	tggtctacag	agcacgatnc	nggacngcct	gagaagaaaa	tgaaaaaagn		240
tattggaagt	ntganaanta	cacctngnag	acttganacc	cacntattta	caacaccaga		300
aatggaaaact	ggaaagagcc	ctggaggcgg	gagcgcctct	ctttcatggc	accaagctgn		360
caagtttact	catacacgtg	tcttcttttt	gannaaacgt	nttnncttaa	aaaatgccna		420
tactttttatt	ttggtgtag	ntncnganng	gangacctgg	ctttngnnt	taaaccnta		480
aaggccacnt	aantnntntg	ccatnttngg	ncataaaaaac	agtcttttac	cagttaggcg		540
ggaaaa							546

<210> 64
 <211> 185
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(185)
 <223> n = A,T,C or G

<400> 64							
aactgagagg	tgaccccctg	tgatcctggc	gtctggctga	tgaaggcaag	aggagcagaa		60
gcttaaagtt	tcttgactgt	atagcaagtt	cagagccngc	cagggctata	tatatatatn		120
nnatatacaca	ngncacatgt	ntatatatga	ngatataaag	nnatgaagag	atatataaaa		180
aaaaa							185

<210> 65
 <211> 554
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(554)
 <223> n = A,T,C or G

<400> 65
 gactgagatt ggcttgggca aaagatccag atccctagga tttcagaagg ccagcagtct 60
 ccactggaga agaagatcct gagttttggt ggtgtgcata caacagcagc aagacacttg 120
 ataactcaga aatgccatga ggagagcaaa gcacctctgc aaggagcaag cgtaattctc 180
 tggactactg gcttgcaaaa gcagagtcgt attataataa gagaatggtg gagagaatga 240
 aaaaagacac aggtgatgaa acaaagacaa aagtgcgaaga ggaaccacca tcaccatcac 300
 caccaccacc accaccacca cgcanagaga gacagaaaca gcattactgg gtgcctgaga 360
 gagagaagaa gcacatagaa aggcacattc atagaacaag ccatgccaga gaatttacag 420
 acaaaccctg gagacagcca cgactcttca gtgaaacaac actacccaaa attgtgctag 480
 aggaggaaag catcccacan gcacagaaaa gaaggcnggc acacgagaga gaactgctcc 540
 aaattaaaga tcac 554

<210> 66
 <211> 144
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(144)
 <223> n = A,T,C or G

<400> 66
 aacaatccag agagaantag aaagccaggc ctttctcata agntagcagc accgnttnca 60
 ttngggagac ctgtcgtact gcctgggtcc ctactaatgc ctgngtcaag cttatctgtg 120
 gcagtaacaa gactgggaag agta 144

<210> 67
 <211> 318
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(318)
 <223> n = A,T,C or G

<400> 67
 taggggcaag acaggcgntc aaanattggg acgctcctag cttcanaacc agtgctggaa 60
 ttacagcaac aaagccccgg gagcgctcct ccagcctctc acagaaccag ccatctccta 120
 gacccttaca caactaccta cttgtccttc tcaacttcaca gaagagattt ctggcagaag 180
 actataaaca acgaagaaaa agagttgaaa agctgtggct gtacaccact ccaaaacaga 240
 gaacgccta gggcaaccag actccttgcaa aggaagcttt taaaattaaa aagtatcaga 300
 ggctggcaaa aaaaaaaa 318

<210> 68
 <211> 300
 <212> DNA
 <213> Mus musculus

<400> 68
 gactgagagt tgccttgga gaccagcagt ctcaactaac ctggaccct gagatctctc 60
 agacactgag ccaccaacca ggcagcaaac actagctggt ccgaggcccc tgacacatat 120
 acagaggga ctacctagtc tggccacagt gggagaagac tgtgcctaac cctcaggaga 180
 ctgaggcccc agggattggg aaagcctggc agggaggaga gacatcctcc ttggagagtg 240
 gggaggagga atgggatgag ggcagactgg gaggagggta acgactggat tgtaaaaaaa 300

<210> 69
 <211> 370
 <212> DNA
 <213> Mus musculus

<400> 69

caggccagag	tatcagaact	gttcacagcg	agcaatggtg	agcgtcatgc	ctggccttgc	60
tgttcctggt	ctgaaagcac	tccatggctt	cagcaatgct	cactttcacc	ttcccggaga	120
ttgcagtctt	gccagagagc	catccaggca	ctcaggagggt	acagagggtt	gcacagtagt	180
tcaagctggg	ctccagtaca	ggctcctcct	gtctcagcct	cgcaagtact	aggactccag	240
gcctcctgaa	tttgctgtgt	tccagatcct	ttaaaaagta	agttcaaate	ccagcaacca	300
catggtggct	cacaaccacc	cgtaaggaga	tctgatggcc	tctagctaca	gtgtacttac	360
atataattaa						370

<210> 70
 <211> 136
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(136)
 <223> n = A,T,C or G

<400> 70	
aggactgggt	ttacccatgt tgcagctcac anntgtccat aaccccagtg tcaggaaaac 60
cgatatectc	ttctggacac cagggtatgtn tgtagtgcac aggtntacac ctggggcaaa 120
acacctcata	aaatta 136

<210> 71
 <211> 391
 <212> DNA
 <213> Mus musculus

<400> 71	
gactgagggt	ctggcacaate agtgggtcctc cactgacaga gatctgccta cctctgccag 60
ctgagtcctg	ggattaaagc cagacattgc tatgcccagc ttggccctta tatcttaaaa 120
agaatcatgg	aaaaatgtaa aaatccagggt acagcgagca atatacgtat ttacacacacc 180
tgagaaacac	tgagacgtac cctggagata caaacttatg gcagagcccg agttggcccc 240
cattgttgaa	tccctatggt tgactgctgc agtgttctgt tgggcagggt tgatttttcc 300
ttataatggt	tgaatatctt tagaatccca agcaaaaaggt gttccatgga aaactgggga 360
agcaagtgga	tccagagcaa acaaaaaataa a 391

<210> 72
 <211> 314
 <212> DNA
 <213> Mus musculus

<400> 72	
actgagtcct	gtaactcaga ggcagctgga tgtctatgaa tttgaagcca gcctgggtcta 60
tgtagagtgt	tcctcacagt gtctctttga cagagggaag aagaagagga gctattaaag 120
tagcttacag	gctatgggtcc aactagtcca acaatggctg tccacaactg gaagggtccaa 180
gaatccagta	gttggttaagt ccatgagggt gcagggtctca gctgttcttc agcatacgt 240
ggaatcccaa	agaagttaggc actaatacca gtaaagagtg aatttaccag cagtagcaac 300
caaggaaaaa	aaaa 314

<210> 73
 <211> 443
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(443)
 <223> n = A,T,C or G

<400> 73	
gactgaggat	acaagtaaaa gttcaagggc catgagtaaa ggtcaaaagc cagacatttc 60
ccagctgatt	tacatctcac tggctgagag gcaagaatcc tagcacagct gatcaaaactg 120

cttgccaagg	atctcatgaa	caatatgaac	cacgctttac	agcactggga	ccaaagggtg	180
gcgccaccac	acctagcaca	gagcttcctt	ttaaaattat	tttcacattc	acnaaaaatn	240
attggggggn	atgcgtgccc	atgtgaagg	ggatgtcacc	ggatcaatgca	aagngtctct	300
ctcgattatt	ctgtaccgac	ttttagaaga	cttatgtgtg	gggctggaga	gatggctcag	360
tgggtaagag	cacggactgc	tcttcagag	ttcagntccc	agcaaccaca	cgatgggtca	420
caaccatctg	taatgggatc	tga				443

<210> 74
 <211> 333
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(333)
 <223> n = A,T,C or G

<400> 74						
cacgttcac	ttcctggggn	ganccagnnt	caacagggaa	nctancacgt	gtggaaagca	60
agcacgcann	gactccaagg	agatnctacc	ctnccaagg	catttttagg	agccaggcgt	120
cttcacttct	gtgctcattc	agcctttcan	cangnnnccn	ccancaacaa	cnatcaataa	180
aaactggagn	tttggttaca	gggaattctc	tgngtanccc	tggnttttct	gaaacccact	240
ctgtagacca	gggtgggtctc	aaactcagg	gtctgcctgc	ttctgcctcc	caagggctag	300
gattaaaggc	atgcaccacc	ctaaaaaaa	aaa			333

<210> 75
 <211> 436
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(436)
 <223> n = A,T,C or G

<400> 75						
ccacaccagg	acctattata	gcatgctgnt	nggctgtag	ccancatgtg	gctantggga	60
nttgaactca	ggaccctctg	gaagagcagt	agtcagtgtc	nttaaccacg	gngccatctc	120
tncagccctt	ggcaactttt	caaaagatgg	aattctgnta	tttcagttgg	atgngntggc	180
gcctgtcttg	actgtagctc	cngcatgttg	ggaggtggag	ccagaggatc	antttacatt	240
ttaccttggt	ttctgagagc	nggcctcnn	ancatgggaa	nccactncca	angaggtgtg	300
gggagagggc	tcnnngtggg	aaatgtntgg	cttgcaagga	ccaggnccaa	tggncatgc	360
ctataangnc	ctggncctgg	gttctttnng	cgnctgntg	gtttangctg	gttgaacaat	420
catttttctt	aaacac					436

<210> 76
 <211> 461
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(461)
 <223> n = A,T,C or G

<400> 76						
gactgaggag	tagggatntt	actgagaacc	ataactggaa	taccaggtat	ttctgntcga	60
agcattcttt	catagaaatg	gcttcancaa	gaagatctgg	agaanggtag	catcaataan	120
catgcttatg	tgaaggggg	aagaaaacct	catgggaacc	caccctaga	canagaaata	180
ttgaccacta	atgactactg	agctactaac	aaacttgcaa	ccaatcacta	tgaatgactg	240
ccaaccatca	acctcatctt	tgaaggcccc	ttgcattgag	aaactctctg	aagagttccc	300
agaattccat	acatnacaca	atcacaggaa	ccatctgcag	cntggaaaaa	ccatgcctct	360
tctagagcat	cagtcaaagc	ttgtccaaag	cagccccaca	tccctatacc	tggtgattgag	420

ttgaaaacac atccttatat ttctatggct tttaaaataa a

461

<210> 77
<211> 416
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(416)
<223> n = A,T,C or G

<400> 77
agacggcaat ctgcaagcnc acacgtcnaa ccacctaatag tatgcancga canatggggg 60
cacacagccc tgcacaccta ttcatgtgtg cccagcggtt ccanganaca caaagggaca 120
cgtgcagaga tgccccacca tgatcaagcc catgtnaccc aggctacntt naagtntgct 180
atggaattga nagagacctg gagcttccgg tcctttctac ctccccaggt gctggnatgg 240
cagaagtgtg tccgcctgcg cattagtcac ggtaggaat aaaaccaggt gcttcaagca 300
tgcttggcag atgttntgcc aactganaca cagccccagt ccccaaacca catagttttg 360
aaatacaggt cacattttaa aataaatcaa cctgggatgg acggtaaaaa aaaaaa 416

<210> 78
<211> 168
<212> DNA
<213> Mus musculus

<400> 78
gactgagggt catcaccttt gaccttgccc ttgaccttt ggccttggct cttgtgagac 60
ctgcaaaggt gcaactaggat ccagccttgc atggctggca gccagatcct ggggcaaccc 120
atctgggtctc ttgaataaag gtcaaagctg gattctcaaa aaaaaaaaa 168

<210> 79
<211> 222
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(222)
<223> n = A,T,C or G

<400> 79
gactgagggt cggagtaaga ctgattcgtn caaaaactac caacagaaaag accatagacc 60
acaggagagc tnggcctgca cttaccangc cccgaatatg catcaccatg atgaagagtt 120
tggtgttttt gtaggagata gacatgcttn acctnccac cgaccttccc aaccggccgg 180
gccacngtc ccatctgcag aaataaagga aacagaagtc ta 222

<210> 80
<211> 126
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(126)
<223> n = A,T,C or G

<400> 80
agacttgagg atgtgccgct gctgctctct gcacactact gaactgngac cgangntata 60
tccaggaaac gcttgtnagt ggatcgagct accactgctg cctcctatga actgaactga 120
tgattt 126

<210> 81

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1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

<400>	81							
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gagcttactt	ggcttgagtt	caccagtggc	actgcctctc	atcttctttg	accttgctctc			120
actgacaaga	caggcataag	gcctccaaag	agaaggtcag	ggctggagag	atggctcaga			180
cgttaagagc	acctgattct	tttccagagg	tcctggattc	cattcccagc	actcacatgg			240
caagctcaca	actgtctata	actccagttc	taggggttct	aataccctaa	cacagacatg			300
cgagcagtaa	aaaacaccaa	cgtaataaaa	taaaagtaaa	ttattagata	tttaaaaaaa			360
aaaa								364

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<220>
<221> misc_feature
<222> (1)...(319)
<223> n = A,T,C or G
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<400>	82						
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cgagtttgag	gcaagtctga	ccancacaga	aagaccctgn	ttgaaagaga	caatcaacan		120
caacgaancc	aaaaactnan	accaagcaaa	catctggact	ggggatgtag	cctcagttag		180
tanaatgctt	gtctaatatg	catgagacc	tccctagggt	ggattctcag	caaattcctg		240
accagcctgg	gatacatgag	accctgtcaa	acaaacaaac	aaacaaacaa	acgaacaaac		300
ggaacctaaa	taaaaaaa						319

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<210> 83
<211> 554
<212> DNA
<213> Mus musculus
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<400>	83						
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tccgaggagg	aggaggagga	agaggaggaa	gaggaagacg	aacaggccga	ggaagaggag		120
gaggaggagg	agctagagag	gctttcatct	gagtcacctg	tcttctgaag	aggatgaggc		180
ggatgtctca	ctctctgatg	aagactcact	ggccgaactg	tcaactgctag	agatcaactc		240
taagtagtga	aagtctctct	ttgtcttctt	tgagacaagg	tctcacgtag	cctagggctag		300
gcctgaagat	gctgctgaac	gcttgacccc	tccgcttccc	ttacacagcg	tcacggatgg		360
atctcagaac	cttgctgatg	ctaggcaagc	actctgcaaa	ctgagctaca	tctcagcccc		420
acttctaccc	tgtgcttgta	cctcaaaggt	ttcccaaagt	agtctctgct	ccctgatgag		480
gagagtaggc	tcgatcctgc	cacagacaga	gccagcacgg	gcttcactct	aaccaatcac		540
cacactccct	qtac						554

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<210> 84
<211> 265
<212> DNA
<213> Mus musculus
```

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<220>
<221> misc_feature
<222> (1)...(265)
<223> n = A,T,C or G
```

<400> 84
 catatgtaca ttggtgttng ccagtgtgtc cgtgaagggtg tcagatcccc tggaactgga 60
 gttacagaga gctgtgaact gccacgtgtg tgctaggagt tggacccagg tcctcccgaa 120
 gatcagtcac ctctctccct tacctacttc agcttctttc ttgccactgt ggcctgccac 180
 tttctgccat gacccaccca tgatggactc agaccctctg gaaccataaa acaaagtaaa 240
 ccctcttctc ttttaaaaaa aaaaa 265

<210> 85
 <211> 255
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(255)
 <223> n = A,T,C or G

<400> 85
 gactgagagt gcccctttga gagagggaca tgagcattct tttgtgatgc taagacatta 60
 ctcaccggnc aagcagaagg gacnncacac atgggagacc caggagccac cccttctata 120
 cctctcactt gcttaagatt gggcctaaag cagtgggttct tagccgtcct aatgctggga 180
 cattttaata cagttcctaa tgctgtgggtg acccctcaac cataaaatta tctgttgcta 240
 ccttaaaaaa aaaaa 255

<210> 86
 <211> 145
 <212> DNA
 <213> Mus musculus

<400> 86
 gactgagatc cagatgtaga actetaagct ccttctccag catcatctct gcctacatgc 60
 tgccctgctt ctcaccatga ctataataga ctaaacctct gactgtgaag ccagccccaa 120
 ttaaatatct tcctttataa aaaaa 145

<210> 87
 <211> 483
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(483)
 <223> n = A,T,C or G

<400> 87
 gactgagaaa gaagaagaag aagaagnaaa gnaagaagaa ggagaaggag aagatgaaga 60
 agaagaagaa gaagaagaag aagaagaaaa gctttcaaaa agtttccagg ctggtntgna 120
 ctgcacaaag accctgactt gaaacaccaa aaccaagcac aaccagcaac ccaaccaagc 180
 aacaaatgac acacaccaag gctcatctgg ctccctgagg tcaaagtga ttttgatagt 240
 gttttattct aacatgtatt ttcagagttt tctgctttga aaatgaagtt ctttttttagc 300
 tggagaagaa taaataatat ttccaagaga agccatccca ggaaaaatga aaatcactta 360
 gcttcttgca tttagtaagc agctttgtgt ttggcacgtt ttatttgaca aaccctgggtg 420
 ctttctgccg tacttaccac gtgcatctat aataaatata gatatgatat aataaataaa 480
 aaa 483

<210> 88
 <211> 431
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(431)

<223> n = A,T,C or G

<400> 88

gactgaggct	ggaagtgtgt	atctgtgctg	agcgcgctact	tccaccttct	tgcggctgtt	60
ctctgataag	ctccaattct	gagaaaaggt	ttccgaggcc	accggaagta	cggagtatgg	120
atgcactgtt	atgcaaaaaca	cattntttca	gccccacccc	accaccaccc	ctgcagcctc	180
tacctcagg	aaaagttagt	acnggaacca	cctgactcan	cccactccag	ttctgnggaa	240
accttcacat	ggagttttaca	cctgccagct	ctatgacctc	aaagnccatc	tcatgcctgg	300
gaggnttatt	gcgactgttn	taatttttct	ttctgnntaa	ttntttaaaa	agactttatg	360
gtgggctgga	nagatggctc	accngttnaa	agacagaana	agaggtgata	tatgagggga	420
ggcaggacct	a					431

<210> 89

<211> 486

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(486)

<223> n = A,T,C or G

<400> 89

tgggagcctt	ctgtctctgc	ctnccagagc	tgggatgnca	tgcctgcgtc	cagtgcatac	60
nacatgatna	ncnncatnnn	cncgnntnat	nannatcatc	atcntcttct	cnancancag	120
cagcaagcag	cagccttttc	catgnatggn	tgtttgtctg	aatgtgngnc	tgtgtaccac	180
atgggtgcat	gngtctctta	aatctcctgg	gactgaagtt	acagactgtt	gtgaactggc	240
acgaggggtg	tagacttgaa	ctcaggncca	cactggaaga	gcagccactg	ctcttagcca	300
ctgagccatn	tctccaaccg	ggttcagcct	ttgaaaagag	tctctttggn	tgctctgagg	360
tagacagaga	tgaangcaag	aatgccatcg	nggcattgat	gnggggggag	gtatagatgg	420
cttggagcag	catggtancc	agaaagggac	tggactggta	tgtnccanga	aagtaagctg	480
accatt						486

<210> 90

<211> 266

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(266)

<223> n = A,T,C or G

<400> 90

gactgaggta	ggatctcact	gtgtagccct	ggctggaact	tactatatgt	cggccaggct	60
ggtcttgata	tcacagagat	cagatctgcc	tgactctgct	gccaccctcc	acccgccaag	120
tgctgggatt	aaaggcattc	accantgnng	gcaactggcna	nnntcnnnnc	ancttntatt	180
catcgtgtgn	gentacctac	ctacactact	ctanggtaca	ctacactccc	tacactattc	240
gncangggag	aacagtgggt	ttctct				266

<210> 91

<211> 228

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(228)

<223> n = A,T,C or G

<400> 91

gactgagatg	aagaaggggg	gcctgggttg	acacgcctgc	catcctagca	cgtggggagat	60
ggtggcagga	ggatcgaggt	tgaaggatcat	cttcaggtnc	ntagtgagtn	tcaaactcag	120

<400> 95
cactgtcacc cttcacgacg ccgcctctac agacttctgc ccaagctcgc cgagattctt 60
attctcttca gttccatttt acagatgaac aagaataaaa gtggaggcag caagcggctt 120
cgctgactcc aggtctctgg atgacaaa 148

<210> 96
<211> 393
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(393)
<223> n = A,T,C or G

<400> 96
gctgaaagag ggtgacggat ccactggaac tacacttacg gnttcccttg cactgcanac 60
ctgggtgtgg agagctgaat ggcacccagn gctgntaact actgagcctc tctgtaaccc 120
cacgaacaac atttntaaga ntcagttcgt ncacatggga aangcagggtg ctaacctgct 180
cagcagagtg tctgggatga tgaaagacaa tgctgtcagc nctgtgttaa tcttcacccat 240
actcacctta aaagtcaacc ctaagagtca caccctctcc ctacccctc ctactgtctt 300
ggaactagaa cagtagacca ggctggcctt gaactcagat ccaccttccc tttagtgtta 360
gcattaaagc ttgtgtctacc accaaaaaaa aaa 393

<210> 97
<211> 345
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(345)
<223> n = A,T,C or G

<400> 97
gactgaggcc ttgacgaagg atccagcccc ttccagcccc caatgtgggg tttccttgga 60
tgccagccca tcttgggttg gacttgaaga tggcaaaatg cccaggggag aaacccctca 120
gatcttgctc tttgtacat atccacagat ctcaggacca ggtgctatnt gctnncttna 180
gatnctatat tgtgaactgg gggaacctcc ngngntactg nagcttcagc ctaaaactct 240
gcagcagggg agaagangcn ncacnngcct tngnntnacn cnngcacanc nggaaggcat 300
cctgntaggg ctntntgtnt gtncatttat ttgtgtgtgt gtgtg 345

<210> 98
<211> 295
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(295)
<223> n = A,T,C or G

<400> 98
atgtagagac ttaacctant gcgcnctgcc tnaactgagg aggangggca cacagccnac 60
atgatcatgc tgggcacant nntccacact cnccttnanc atnaccagca ccatgccttg 120
ggtccagact ccgatatgag gagactgcaa agcagggctg gggagggtgg agcaagcagg 180
ggtgggtttg ttgttttgnt tgttttttgc tnttcgagac aggggtnttt tgtataaccc 240
tggctggcct ggaactcact ttatagacng ggctggcctc gaacttagaa attcg 295

<210> 99
<211> 304
<212> DNA
<213> Mus musculus

```
<210> 100
<211> 289
<212> DNA
<213> Mus musculus
```

<400>	100						
actgagggat	tgaaccttgg	cctcatgcat	gctagggcagc	tctaccggttg	agctggagacc		60
cggacccttc	agggcaagaa	ctatggccct	catagctgtg	taccgttaag	agcttttgct		120
gagccctcac	gatccgtaat	ctccagaaca	gggtttctct	gtccctggctg	gctggctgtc		180
ctggaacgaa	ctccgtagac	caggctggtc	tcgaactcac	aaagatacac	ctgcctctgc		240
ctcatgagta	ctctgggatta	aaggctngca	ccaccactgc	cctgcttat			289

```
<210> 101
<211> 422
<212> DNA
<213> Mus musculus
```

```
<220>  
<221> misc_feature  
<222> (1)...(422)  
<223> n = A,T,C or G
```

<400>	101						
gactgaggac	ctcctgggcc	actggcangc	acctggggctc	ccaggggtgac	aaggctcgcc		60
ntcnngatgc	ctgnacgtgn	ggngagtcgg	tggtcangng	nncntgcttg	caggccccc		120
nanttgcttc	tncaaaactg	nttggccttc	atgcatggat	gaantgcatg	gcnacagact		180
acatcaggag	agccanggaa	ggggacagga	anacatttta	ttccagcctc	cagactgaac		240
agagcagcat	ctagcagttc	atctgcacac	acagcttcag	ttactgtggt	cagatatttc		300
aactgcatct	taggaaacac	tgttaaactt	gttctatttt	attgcaaggt	atccttttta		360
aatgttcttg	ctgggcctaa	mntataaaat	taaagtttga	cataggtaca	cacaaaaaaa		420
aa							422

```
<210> 102
<211> 428
<212> DNA
<213> Mus musculus
```

```
<220>  
<221> misc_feature  
<222> (1)...(428)  
<223> n = A,T,C or G
```

28

ctcagcctcc	tgcctgcaca	nntgcatga	taacaacatg	tatgtggtgc	ntgtggatcg	180
aacccacggc	acggtgcgtg	ctagnaagaa	aatggantna	tccgatgcnc	natcctgaag	240
cctgcttgnt	cggggangga	ctnttctggg	gcntcctact	gccacncgna	ntgntnagac	300
cttggngaga	cnnacntggg	tgcctttaca	nnagaacagg	cgagtantcg	cngtaaaatc	360
gtgattcnc	cggccctctc	cttgataact	ggtgtcacaa	caataaaatt	tgagccttga	420
tcaggaaa						428

<210> 103
 <211> 266
 <212> DNA
 <213> Mus musculus

<400> 103						
gactgaggat	cctagtgtgc	agttgctggt	agagaaaatg	gagtgatagg	attgctcagt	60
gggttaagat	acttggctct	tccagaagac	tggatggagg	ctgggtccca	gcacccacat	120
tgggcagctc	acaacctctt	ctaattgatg	ctccagggaa	gtcgaagacc	acctttggac	180
ctttgcagac	actggcatat	atgtattttac	atacagatac	ctgtagcgta	taattaataa	240
aaaacaaccc	cacactaaaa	aaaaaa				266

<210> 104
 <211> 212
 <212> DNA
 <213> Mus musculus

<400> 104						
gactgagtac	cggggcattg	aattttaaagc	ttcacaaaca	ttaggcaagt	gttctacaac	60
tgagctacat	ccttgaacaa	aactaattac	tttgatatgt	tctatatggg	gaagtgtcag	120
tgtagtccac	tatagtactc	aaatgtaaat	aatgattggt	taacaaccaa	cctctaagtg	180
tataagtgtg	taaacagaat	tataaaatac	tg			212

<210> 105
 <211> 539
 <212> DNA
 <213> Mus musculus

<400> 105						
gactgagggt	ttctctgtat	agtcctggct	gtgaggagcg	ggtgtggcag	cagccccaag	60
atggcgctcg	ggactgaagc	taagtcttat	gacttgcacc	tgacttcctc	atacacctga	120
aaatagccat	gaccattgtg	agagctgcac	agggtgcacca	tgatgctggc	agtgtaaaca	180
agtccatatt	tgggtggagac	atgcccctgc	cgccctgatt	ggctgaagct	gcgtgcctgg	240
ttagggcccc	agggactgcc	ccacgctgcc	tcaggctctgc	aggcttggca	gcaagtctcc	300
atgaactatt	tgctggccta	ccacacagga	ttttgactct	cttaaaccac	atccacctct	360
ctcaggacaa	cctccatcat	tccctgatct	ggaagacaaa	atgagagaca	gacacccatc	420
ctcctcagaa	gcccgggctg	gagggcaggc	agagcttggg	catctccctg	atgtagaaca	480
cccattgggt	gccctggaac	atatcacctc	atcttggggc	tcgagaaatt	ctgatccag	539

<210> 106
 <211> 404
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(404)
 <223> n = A,T,C or G

<400> 106						
gactgagcct	gtccatcaca	gaaggaagtc	ttggcaggaa	cctggatgcc	ggagctgatg	60
cagaggccat	ggaggggtac	tgctcttagc	ttgctcctca	tggcttcctc	aggccgtttt	120
ctcataaaac	cgaggaccaa	cagcccatca	atcatcagtt	aagaaaatgc	tctataggct	180
tgcccacttg	ccaatctagt	tgggaaattt	tctcaactaa	ggttcctctc	tccaaaatga	240
ctataacttg	tgccaaattg	acacaaaact	agccagcaca	ccaattaaat	atgtctactt	300
taaaacatac	agnccaaana	tatagatggt	ctgtcagatt	tctcttagaa	tgcataaaag	360

aaaaatttgg atgtccaaga acctcttgaa ttagaaataa taat

404

<210> 107
<211> 220
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(220)
<223> n = A,T,C or G

<400> 107
cttctgcatt tgccaacagc ggatgcgcng acaatgtanc tgcttcacct ctggggentac 60
ttgtcctctc agcntgatga tgtgccgaca atgtancagc tcactctggg ctactgtcct 120
ctcagctgat gatgcgcgac aatgtagcag ctactctggg gctactgtcc ttccagctga 180
tgtcctgtctc actctcattt tggattaaaa ctgattctga 220

<210> 108
<211> 156
<212> DNA
<213> Mus musculus

<400> 108
ggagactgag ctctgtctcc ctttctctgc attctgcttg tggatcagat gtgagctctc 60
atctactgct ctgggtgtcac acctgcctgc ctgcctgcca ccatgctgcc tgccatgatg 120
atcatggact caccctctga aactgaattc acctgt 156

<210> 109
<211> 132
<212> DNA
<213> Mus musculus

<400> 109
gactgagagc cettgggtgct accacttctg agcatctggg tgtctctgca gtgttggggg 60
actactagtgt tgtctgaaga cagctacagt gtactcatat caaatatata aatatttagg 120
ggaaaaaaaa aa 132

<210> 110
<211> 534
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(534)
<223> n = A,T,C or G

<400> 110
ctgagccttt gcaaagncgg cnttgacaag ttctgcntgg tngccntgcc tgagaaaacc 60
atngacntgc naanaccatc agncnccaaa gngcacgtgc nnnggtgctg tgtaccgaga 120
caccatngcc attcattact ccttcnctcc agatanctnc tntgntttga ncatattacc 180
tggattgtcc aaagatcnnc tacntgctag gtntgatnac anagaganna atcnnnctat 240
acgcttgng nctgaaagnn ctaatccaaa acgggaactc gttggnaatn tntatngtct 300
tgcattgtgt gagatgtaaa gggctagagn ggctggccca gtcgttaagg gcagcntgct 360
gttctgtagg acctgggttt ggttctcggc gccccatga tggnaacagc ttgtaactct 420
acttccanag gacccaaaat catcttntag catnntggca gnancaggca tgcacatggt 480
gncatgcat gcangcanaa acactcatat gcataaaaaca taaataaaaa tgaa 534

<210> 111
<211> 226
<212> DNA
<213> Mus musculus

[illegible]

```
<210> 112
<211> 221
<212> DNA
<213> Mus musculus
```

```
<400> 112
aggcgaatac tggccnttgg gngactggag taaggatagg nnnnccataa ncagttttgc 60
tagtggnatg ctntccttan gnccctgtga gcctaacacc agcctctgnc ttgtctcttt 120
ctggatgaga attaagactt ggggtanaga gctggngaga cttgtctcagc nggntgaaag 180
cacatgactg ctntttcaga ggtcttgagt gtcaattgcc a 221
```

```
<210> 113
<211> 275
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(275)
<223> n = A,T,C or G
```

<400>	113						
attaagattc	ccagctacct	acctggnaaa	ctcataacgg	cccacgccat	gggacattgn		60
acacncnctt	ncgangaacg	tncacatata	gtatacctac	acatacaggt	ncaaaaaatct		120
ataccttagta	naaatagaa	tacaaaaaaaa	ccatttattg	aacacaggag	tggtgctcct		180
ccctgtaatc	ccaaagaatc	atgaaggctg	aagcaggagg	attgatatca	cnagaanaagc		240
cnnggctaca	aatgagacct	gcctcaaaaaa	gaaca				275

```
<210> 114
<211> 366
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(366)
<223> n = A,T,C or G
```

<400>	114						
gactgagggga	tgactctccg	gactccggtta	ntctggaagc	netcaataaaa	cataagcagt		60
atcttgaaga	tnaatatntg	aaacttagac	angacntgtc	atctgatgta	tgtaccagcc		120
caaaagaaag	ctgaactaga	tgaggaaatg	gttgtgttac	taaaccggag	agatatagcc		180
tgaaaatctg	aaaaaagacc	ggcagtttcg	ccatcaaaga	ctgcagggtta	tttcacacac		240
acttactcca	tggatgaagc	agaacatgag	aatctcattt	caagatgtca	tggagagaat		300
tcggaaaacc	aaagctatct	acggctatga	caacattgtt	gatgagatat	ttgaagatga		360
cccaaa							366

<210> 115
 <211> 109
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(109)
 <223> n = A,T,C or G

<400> 115									
tgggatagg	g	tgccttctgt	ctcctggata	ctgggattgc	atcatactcg	gctttttag			60
nactaaggac	t	ctaaccaag	gacctcattc	atgcaaggaa	aaaaaacat				109

<210> 116
 <211> 413
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(413)
 <223> n = A,T,C or G

<400> 116									
cagaccttct	g	taatgtata	gnaagactgn	cctcctggga	agcctctacc	taacanctga			60
cntgaaagag	a	tgcnganac	ccacggccaa	acagtgaatg	gagtttgggg	actcttatgg			120
aagggttggg	g	naacaattg	agggctccga	atgggatang	aactttacga	accaataacc			180
aaanaacata	c	tcattgaac	ctaggcctcc	ccacacatat	gtagcanatg	tgacagctcag			240
tgttcttgtg	g	gttccccag	aaattggagt	ggggggctgt	ctntaaagct	gntgtctatt			300
tgtggaatac	a	tccccctaa	ctgagctgcc	ttgtatggct	tcagnnggaa	aggttacacc			360
tagncttgca	g	gagacttgat	gtgccagggt	tgggggatac	ccaagggagt	cct			413

<210> 117
 <211> 482
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(482)
 <223> n = A,T,C or G

<400> 117									
ggcctgtcct	c	ttgagacgg	cccctancag	cagcttgant	gagacnagac	ggcagcgaca			60
gctcaaccct	t	gganctgtg	gtcggggacc	cctctggaag	ngttaggaga	nggcttgaaa			120
gcacctgaac	a	gggatggcaa	ccctntaggg	atatatatgg	caacagtatc	aactaacctg			180
gatccctggg	a	gcctcccag	agactaacc	accaaccaa	gagcatacat	gggctgggtc			240
aaggggccca	a	acatatatat	atcgaggag	tgcttggtct	ggcctcaatt	ggagaagatg			300
tacctaatac	a	tgtagagact	tgaggcccca	gggaaggggg	gtgcctgggg	ctgagggagg			360
caccttctca	a	gaggcaaaga	ggatggggaa	tgggatgaag	aacagtggga	gggggactgg			420
gaaggggggc	a	aatatctgga	atgtaaataa	ataaaatgat	ttttaaatag	acaaaaaaaa			480
aa									482

<210> 118
 <211> 547
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(547)
 <223> n = A,T,C or G

<222> .(1)...(571)

<223> n = A,T,C or G

<400> 121

gactgaggcg	cctcattgtg	agcatgcctt	ctgcaacgcn	tgcntnacc	actgggtntc	60
tcagcancan	angtgnnncg	gaaaccagta	gctgntgtcn	ctatatgccc	acgctgncgc	120
accaggacca	tngnancatn	cgggaccact	ggttgataaan	ctacnnattg	cntgtgacan	180
ntcctgctgn	tnggttgag	gagctgntgg	cagncttgac	atgctcatgt	gccaccttag	240
agactgtgag	cncaaccgga	agcggcctgt	gacctntgaa	nagggctgtg	nnctggagat	300
gccncaaaga	tgaactgcca	aaccncagtt	gcnttaagca	ccctgcgctc	cgtggtncan	360
caagcagcag	tcgcncattt	gcagagctgg	agaaagacct	tcggcttgaa	cacaaagcac	420
caggctggca	gagcaagaag	cgagacattc	agcctggctg	aagggcggtg	tatgccgagc	480
cattcggnag	tgtcaacccc	aacctttaag	aacctgggag	gagacaattc	gaatacaacg	540
agatccttcg	agnngggtga	acttccttgc	a			571

<210> 122

<211> 562

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(562)

<223> n = A,T,C or G

<400> 122

gactgagggtt	ttctctgtgt	aggcctggct	atcctggact	tcctttgtat	actagactgg	60
cctccagctc	agacttggtg	gcttctgttt	cccaagtgtc	gggggttaaag	aacattaacc	120
aggctcgtatn	tgtcggcaat	ttcctgagag	tcaacaccga	ttgctatgcg	ggcttctggc	180
gtatgcagcc	tggattacct	ggtccaaggg	gcagcgtgaa	agcactgttt	tcnngagcac	240
gagngatat	tttggagccg	ttggagcact	cctcgagctg	ttgaagatac	cctgacttac	300
cgagaggact	tcctgaaacc	tgccacagag	acatctgtgg	atttttttgt	ttngttttgt	360
taaagagact	caaggtttta	tgaatcgtgt	actactcaaa	tcagagcaag	aaacaaatgt	420
attttttctaa	gacatcaaga	taaattctta	aaattttgtc	taaggacacc	ccatnccacc	480
cccgtctagg	cagtatgagg	atttgctgtt	tatagggtat	tctcagggca	gcgttattaa	540
cccctgaggt	gctttggaat	cc				562

<210> 123

<211> 560

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(560)

<223> n = A,T,C or G

<400> 123

actgagggag	gcttctcacc	atactganna	aanccaggca	aagngcttgc	taccgcgacg	60
ccctgagctg	naaacctcnc	acttccaanc	ctctnaggaa	cctaccgatg	ngttttgccat	120
ggatgttcan	gctgaccttn	tcacctgcct	naggaaaccc	acagaggaan	ncgggtgtga	180
tggagcacgc	ctttantccc	agcactggng	nggcanaaggc	acgcngattt	ntgagttcga	240
ggccagcctg	ntctacagag	cttctaacag	gacttctctg	tagcctgccg	cagaatnatc	300
atcagttcac	gtgccatgag	cccgcagctc	cgcaaaactc	tgagatcacc	gttaagaacc	360
caaaactgcac	tcagtgggat	tcnagagctg	acagtggctt	tgtgcttgca	cggcaaacca	420
tagactggnt	ggttataaga	ggccccggcg	ngggcatggc	angggatggn	gcaggttacc	480
tngtgncacn	actcncatgat	atanggccat	cttcantcnc	aatgatgatg	tttagagata	540
tctctaaact	tgaattctt					560

<210> 124

<211> 560

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(560)
 <223> n = A,T,C or G

<400> 124
 actgaggtgt acctggagtg ggaagtgtct actgtgactt gttcatgtca agccagatcc 60
 tgatgttaga aagagatccc agaatgctaa caagttggga attcttgggt ttccaacttg 120
 atgtgaaaca agctctcctc tgaaactgtg ttcaacactg tagagctggc gcacaaaaat 180
 ctggtggtct tgagtcacaa atctcctggg ctttgggaagg cattgatgac ccagcancat 240
 gcnttaggag tgggtggcatg gtgggggctc aggagcccag ggcttctggc ctttggagcc 300
 tgctgtttga ggggtgctaatt tctcctactg ctgccccgcc tactgctgcc ccgcctactg 360
 ctgccccgcc tactgttgac cctcagctc ttcaattttg gttctnaatc gacttcagac 420
 ctgctntgnt tttttggcag actgatctct caaagaatga anagaanaan cccntccctc 480
 tgtttgtccc tgaagcttat tgtttgcaag ctaatccccc ncgctgtgtt tccctcagat 540
 gnaaccctca caccaaacgg 560

<210> 125
 <211> 560
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(560)
 <223> n = A,T,C or G

<400> 125
 gactgaggta cctaccatgc cagcagtgcg ctgataatth atgcaagcga aacgcctata 60
 tgcataatat gtccctcgat tgagaagtc tgcctccgag tcttgatccg gggaattttc 120
 tactctgagt gactgggtgt caagacagaa aagggactgc tgccagcttc tgtggagctt 180
 agctctgctt ccttgaaatt ctacgacatg gggaagtggg gtctcctttg ggtecccagc 240
 ctgagagagt cggcttttga cctggactgg ctatgctgcc tctcctggga ggattcgcca 300
 ggaccatgca cgctgcagtc tgtgcccttt ctctaggccg cattctggac acaagagctc 360
 ctcaaaagca ccaaagagtc aagtctgttt tcaggactta catggccttc tcttggcggt 420
 gccgctcttg agtatgggct atgcctcaag gaaggcccaa atgggggtcac tgggtgttag 480
 tgtttgnrtg ttattgctgg ttttgggtgac agaattggaga atagatatgc tagtttcctt 540
 tttttccct tgacctttaa 560

<210> 126
 <211> 560
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(560)
 <223> n = A,T,C or G

<400> 126
 tgaggtacca gctctgttct gtggtaagnc ctgcccactg tgaaagccgt tgccacaata 60
 aggaaggata tgaagatgta tgaagaagaa aggataaagc aaagagatga agggagaaac 120
 tcatcatcaa gagacatcag aggaaggagg aggagcaaac tgggccacct ctccactccg 180
 gcatgacagt caggaagttc attcagggaa agagaaccgt caacagtggg aagcagatgg 240
 gagaaaagaa gcccaggcta tacagaaagt tctcagtttg atgtcacaaa tcatcaagga 300
 aatgcaaattg ttcctatcaa ccgcagtggg gctcacacac ctgttaggat ggctgtcact 360
 ttttaaaaat tcctttaaga caagcttcat ggagaaaatg aaaagcctct ttggtgagggc 420
 tgcaaaatgg tggaaaaaga aaagtctaga aaaactagag ctaaaactac catggaatct 480
 gacagtccaa ctcttgatt caaaagcact gaaatcggaa tccctcaaag gcattaatag 540
 ctactcccca gattacttct 560

<210> 127
 <211> 559

<212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(559)
 <223> n = A,T,C or G

<400> 127
 actgagctcc tctgtgctca gcagtgccca gccgcangta cagccagcat gtgaatgang 60
 acacaacttt cccctcaacca ganacccagc tctcttccaa gtgtcaacac ctacagacgt 120
 nagccatgga aacttctcgc tccccttcgc ctcagtttgc cccacagaag ctgacagata 180
 aacctcccct gcttatccat gaagacaact cagcaagaat cgagcgggtg atggacaaca 240
 acaccactgt gaagatgggtg cccataaaaa ttgtgcactc agaaagccag cccgagaagg 300
 agagtcgtca gagtctcgcg tgcctcagctg agctgcccc actgcccagt gggctggaga 360
 gggaccagat caagacactg agtacatcan agcaatgcta ctcccgttn tngtgnaca 420
 cagcagagga gngngaagct cctcatagag cccgccctcc agagcccnng ccaccagca 480
 cgccctgcacc tccctgtcaga gatagctgtt cctcccctcc ctcactcaac tatgggaagg 540
 ccaaggagaa aacctatggg 559

<210> 128
 <211> 559
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(559)
 <223> n = A,T,C or G

<400> 128
 gactgaggtc agacgggaac accttgnnt anccaccacc gnagtaccat nttntgctca 60
 tgcttcaccg tgtactggat taccaggggtg cttncctttg ttgcctgaat ggcttgaagc 120
 tcncanagat ggcatagaat cggcgtgttt tgggtagtct ncaggccttt caacagaaag 180
 catgcatgag tgagtcatta atgacacttg cactcaatgn cctgtaggaa cctncaactc 240
 cannancnga gatgtgttt gcactgagcc actgtgcaca agtcacacag tgtgccacat 300
 gcacactact aacagacttg ttgcttgcaa gaatctctgc ttcacacacc tttgtgtata 360
 taatgcaagc tttgccaggt cccagngggg gaggcactta cagccacgcc tgaccacctg 420
 attacattct tgagtaccca cataatggaa agagggagac agctcctgaa gttgncttct 480
 aatttctaca tgcgngngan gacagatgng tgcacacatg ngcacatgca cacagacaca 540
 cacacacaca cacaggact 559

<210> 129
 <211> 556
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(556)
 <223> n = A,T,C or G

<400> 129
 gactgagacc atctatatatt gccaacactn tangcaaaat accccnganc actgaacaac 60
 tgagcgcagg aggaaaacat ttcattcttc tctctgacag aattacaggg atggaaatgg 120
 agaggagcct gaggaanga cagtccagca atangccan agagnaatcc anntcaaggg 180
 gaggtcctaa ggactgacac tattacatga ggctatggag cactcacaaa aagggaccta 240
 gcatgactgc cctctgaaag acccaacaag cagcctgaaa gagtcagatg cagatatattg 300
 caccagcca atggacaaag ccagggattc ctgtggctga agtaagaaaa gcctggaaga 360
 agctgaggag gagggcnacc ccataggaa accagcagtc tcaactgacc tggatacctg 420
 anatctttca gacactgaac caccaaacag gcagcttttg ccagctttat atgaggcccc 480
 aacatacnta cagcnanagg actgcctgat ctggcctcag tganagaaga agcncctaa 540
 ccctttgaaa gacttg 556

<210> 130
 <211> 555
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(555)
 <223> n = A,T,C or G

<400> 130
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 caagagcttg atcgtgtgat cgctttctgg atggagcatt cccatgacca gnaacacagg 120
 ggnccttcttc acatgtgntn cccgtgatgg gaaggtatat nancacctct nntannttcn 180
 tctgcagtng nagncaggca tgnannnatn gcctccttat nccgcagntt tgancgcttc 240
 cancgagttg agccttctga atgcagnann accaggnggn gaattttttgc tgcgttatgc 300
 ccggatagaa ccacctgnnn nnaaatgngc ntttgtgctg nctcggnatg gccggccagn 360
 gaaggtgcag nggaccattt tcagcgagtg cttntacacc atggccatga atgaactgcg 420
 ganagtaacg ggggaagtgc gttatcagca gtgaagcct acagatgatg gatcagatca 480
 tccactgggt acgggaggac ccggctgggt tgggccggnc tcagntctca ngggcactgg 540
 ccacagagcc catgg 555

<210> 131
 <211> 553
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(553)
 <223> n = A,T,C or G

<400> 131
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 aacnctcacc ttcctgectg agnctcgggc agagcttaat caaacactta ggtgtgttac 120
 ctgcccagct gtggaccggg cctgtctggc atgccagcac tgggcacctg ggatctctaa 180
 cagccgccc ntcateccatg gctcctgaga gtgcactgtg cctaaccctat taagcaacat 240
 ggcttatgct ggacacctgc tctctgcaag tctgaaactg gagtgtataa cagtcccttt 300
 aagcagccct ggctatcctg gaactcagag atctggctcc cttcctgact gtgactccca 360
 catgatggca tgcagatgtg ccttaccgga ctctaaacta caggtctgaa tggagagaca 420
 cagtataag ggaaagccca gcccataagt ggaaagctga gagataggta acagggagac 480
 caggccagcc tcagctcacc tctcctctca ccagccctct cctagtctct tttttaaaga 540
 caaggtttct ctg 553

<210> 132
 <211> 552
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(552)
 <223> n = A,T,C or G

<400> 132
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 aaggctggag aacaagattt gtacactgca tctaaacata ggaattttga cccaccctcc 120
 atcaagaaca agcataaacc cagatgtggt ataatcccc acacaagagg ctgagaggca 180
 agaagatcct gagcttgagg tcaaccttgg aaacagagag ttcgaggaaa tcttgggatg 240
 tgtagtgaga cctgtcttg tttcagagac gggctgcata aaactccatg ttcaatcctt 300
 agtgccacct aaactggatg tggagctatg atcccagcat tcaagaagaa aaggtaggaa 360
 gacaagaagt ttaaagtcac cctcaactag atagcaaact tgagaccagc ctgggataca 420
 caagagcctt cccacagaaa gatgacaagg aagagattca tttcatgtga acaaagttaa 480

agtatttttt tatttgggat tatttggtagg ttaccatatg ttgtggcaca cttgttttat 540
tctttaaaaa cc 552

<210> 133
<211> 552
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(552)
<223> n = A,T,C or G

<400> 133
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tgtctgtggt gcaatgagaa caaggcgtgt atggactacc cagtgaggaa aatcttgccc 120
cctgcttctc tctgtaaatt gagttccgct cgctggggcg tatgctgggt gaacttcgag 180
gccttgatca tcaccatgtc cggctcctggg gggcctctgt gctcctgggc atcactgtgt 240
gcctgcttgc tacctgcntg ccngncggaa gaagagccng gaagccagac aagagcgatg 300
agcgggcccag gagagagcag gaggagagga gagtgcnggc aggaggaaaag gagggcggaa 360
atgaagtcaa gacatgatga aatcaggaaa aaatacnggt ctgttttaaag aacaaancnc 420
cgtatgagaa gttctaaggt ggctggcaca nacttgtggt ggatcgtgca gttccanagt 480
ttcctggnga atgcacctcc ccagcanagc ctgcagagac ctcaccacca tggnnacccc 540
ttgacctggg tg 552

<210> 134
<211> 551
<212> DNA
<213> Mus musculus

<400> 134
gactgaggct ggcactgctg atttggtgaa gatggcagta cttggctctg ctaggcttac 60
agagcaccat gggtcagaac ttcagcctga gatttgactc cctgtcatca agtgaggccc 120
acgtgatgtg gctagggagg gtggcatttg gatccatctt cacttctgat cagaacttca 180
gctccttccc agtaggtcaa gcaggcctgg gctcagaatt cttctcctgt caactctatg 240
tcattgctgt gtgagtcctc aggcagaccc tgaattttca tgggtgtgtca cagtttacc 300
agacagcagt tcactcctgt cctgatggca ccagctcctc ctatggactc ttatgcccat 360
ggccatagga cagcatcgcc ctccatagaga cactgggtgg gagaagtaag tcagaatttg 420
tcaagccctg ggacagagct ggcacacagg acacacctgt gttggctctt ggccctttgc 480
ctggcatccg atgggtgctc aggagtgtga cctatgtatc agctgaggat tcatacaacc 540
tcctcgagct t 551

<210> 135
<211> 551
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(551)
<223> n = A,T,C or G

<400> 135
tgacatcgga ttttcaaaca gaactacctc tgtggcanta caacccatt cttattttag 60
ggaaactttnt ttcagnaagc cntcaacctn gggnaacgan tgctgagcct tccgagaacc 120
ccnaagggag ttacctttca actcantggc acacgagcca cctggggaaa cgaaactgcc 180
ctaaacntcan tccgcagaca gagtgcctgc cagaaaggac aagcaganta cagggaagtc 240
aacctgccaa gcntctgcca agacagggtt cagagaattt cntccnttat catcttgtgg 300
gaagcatggc agtgtacaga cagataatgc ggaaagagcc gagagtctca cacacatcct 360
gatcctcaag cagcaaagaa gactgtgtgc cacactgggt gtaggctgag ttaggagccc 420
tcagagccca cctccacact gatacccttt cctncaacaa ggccatacct actgcaataa 480
ggccatacct nctgttagtg ctactnccta tgggccaaagc attcaaacac atgaatgtat 540
gggggccatt t 551

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<220>
<221> misc_feature
<222> (1)...(550)
<223> n = A,T,C or G
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<400> 136						
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agaccaagga	gatactgtca	aaggggatgaa	ctgggtagga	ctccggggag	attctgcact	120
agggagacaa	agtgcattggc	tctttctact	ttgctgcttc	tgtctgagtc	cttggaatga	180
aaacaggttg	ggggcctggca	gccatttttg	aaaacgaagc	gcatttgaag	gtgaccacat	240
gtagagggta	ctactactgg	acatctcagg	gaggttctct	ggngggcaca	ggttaccctg	300
gttctctatt	tggaccctta	gtctcattat	taaaataaat	ttaagaatgg	actcaaaagg	360
aagcacaana	acaactttta	tagagtttta	agaatagct	catagccagg	ggtggtgtcc	420
catgcttttg	attccagcac	tgcagaagca	gaggcaggag	ggtatctatg	agttcaagga	480
cagcctggtc	tgcataggga	gatccanaac	agtcaggact	tcgtggagac	acagtgtctc	540
aaaattttta						550

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<210> 137
<211> 549
<212> DNA
<213> Mus musculus
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<400>	137						
gactgagagg	gagacagcga	gaggactgac	ctcttactcc	aaccatctgc	tgaagatgga		60
gggaaaacca	ggcgtttcaa	ggcctccctg	gacacggaga	tgtagatttc	aggatgggaa		120
tgagcccagt	gcaatatgcaa	gaacatctaa	aagacaatgc	aaggagctta	cagccaaaga		180
gagctcagct	ccaagaaaac	actggccaac	aaccatgaac	ctggaaagtg	agtttcaaaa		240
atcatgtttt	tctattttta	caaatctttt	catttgactg	aatcatttgt	tagagaatgg		300
tgagacttaa	taccataccg	aagcatagcc	attagagtca	agacaatcaa	atagtaagat		360
attatacaga	caataaaatt	ggatatttgt	atgtgtgtat	gtatattgca	tttcttcaaa		420
aattgcttac	ctctaatagaa	aaataagttt	cctttcagta	ttatataata	ttgtgattct		480
gtgatatgaa	ttttttttaa	tctttgaacc	atttatccta	tttatattca	tattatttgt		540
ttttatttc							549

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<210> 138
<211> 549
<212> DNA
<213> Mus musculus
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<400>	138						
gactgagaca	agcctcacca	actatcctgg	gcaggcctca	gcctcccaag	cagctgagat		60
tgcattgaggt	gctgctgggc	ccagcaggag	ctgattctga	gtgagttgga	aaaagaattc		120
cactgtagaa	tctccacatt	ggcaaatgac	gtcccaaaag	tccagcgcca	acctagccaa		180
gaggaagctt	cagaggatgt	agatacacac	cggaggtcat	ttaaagtgacc	tgctattgaa		240
agagcaacta	caagcttcgt	tacaaccag	aaatcaggca	gaatttagtt	cataatcaaa		300
ctaactcaga	aaactgttta	taagctccaa	atgaaccgat	tctctattcg	tctctgcccc		360
gatctcctcc	aaaccaatgg	caaattggaa	agtgaacaag	agtgatggca	ttaattttaga		420
agccaccttg	gcagtggagg	ggtctactag	ttcataagtt	caggaaccag	tttttatagg		480
aactgccttg	tgctccccgt	cctctcctgg	agttagtgtg	tgcacagcgt	aacttatgta		540
atgattata							549

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<210> 139
<211> 548
<212> DNA
<213> Mus musculus
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<220>  
<221> misc_feature
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<222> (1)...(548)
 <223> n = A,T,C or G

<400> 139
 gactgaggtt ctgactcaac cttggctcct gagcaatgtg tagtaccttc tgtccccccg 60
 gnggtcctct taacaagccc caaaccaggc catttgacgt gattccctcc ctgggtcctt 120
 gacgacggag ccttgccac cccgctctac tcgagagaag attcatgagg canaaccagg 180
 tgcattganc cntatcggtg aangcaccac atgcacgggt ngngaaggc tgagaaataa 240
 ggntcangct gggntataaaa gtgtctcccc acttcaagcc ggntcccatg gatgcctgtc 300
 agaanttggt atnaaggttg ctggatccgn cacgcttcaa gatggaagta ccangaaaga 360
 ngcaccagcc tgagtaangg tgatgccgn atgtncctgt ntnttactca tttatagata 420
 gaancaactt ttcnattgga ctcagggnga gccacatcag gngctggggc cttanacaaa 480
 accctgtgac caggggaagtc atangcccca gcanggacac aaccgccaca gctgtttaag 540
 tgataata 548

<210> 140
 <211> 547
 <212> DNA
 <213> Mus musculus

<400> 140
 tgaggaagaa gaggagctga ctgctggcag tggcttcagg ggaagcacag gaagggagag 60
 tccactgagg atggggctga gagccttagg aagaaagcgg tctgaccgtg gatgcactgc 120
 tcagctggac cacatctcgt ttgagtttgt gggttccctt agcctgctga acatccatat 180
 cttctctacg gaacatgtac acagggcgtg cagagagtga agaagtgtgc ccttagtggt 240
 tcccgtttga tcagattccc tttgctgaca tgtgacctaa tgacggctac tggttcctac 300
 tctgtcttca gaagaagttg ttccaagggc acttcaagtt ccaggatcag gacctcatcc 360
 tcgactactc cctgtgtgag gtggatgaat tctaatacag aggtctgact ggttgtggtg 420
 actcaggttg ttacacagtc acaagctctt caaggcacca caaggagggc attttctctc 480
 tgcaaagtgt tggggttgaa atgtgaaatg tcattggtac catatttgtt tgaacacttt 540
 atgcgcg 547

<210> 141
 <211> 547
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(547)
 <223> n = A,T,C or G

<400> 141
 gactgagccc ctcttccagg tttccaagna gcctttccag actagaaccc agacatgtga 60
 ttcgctggcc ggacacaaca tttggcgaac cgacgcggga ctgagaaacg gcagaggaca 120
 tttggaagaa acactactgg tttggagctc cgtagaagaa gaaaatagtt aaaggaaatt 180
 catacntgga gaagggctaa gctgaaacag cngtttaacc tgagtgtctaa ttcacttagg 240
 ttcagcagtg aggcacgtca ggagctagga acattaacag gcggttagcc atagctctca 300
 gaagctacat ttttaggtgt gggaaaagaa agggcttatt aaaaggaaat taatgatcag 360
 gcggatggtc acagttaaaa gactgcatca tgggggagga aaatgtccca aaaagcagag 420
 agaaatttca ggagtgccat gctttgttct ctctgggctt tacagcagaa gtactctgcc 480
 ccttttgtgt cttgtctaatt gtctggtgca ccaatctgtt ctctgtgtca attcatgtat 540
 gttcggg 547

<210> 142
 <211> 546
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(546)
 <223> n = A,T,C or G

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<400> 142
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atttggcntg ccagttcttg gcctgagtgg agantatata tcatgaagag ggacacntac      120
gtggntgggc attgacatca gccctgccat gttggatgcc gccttggacc gagatacaga      180
gggggacctt gctgctaggg gacatggggc agggcgctccc ttccagaccg ggctcttttn      240
atggctgcat cancatctnt gctgngcagt ggctctgcaa cgccaacaan aagtcggagc      300
tccctgccag gcgcctgtac tgnttctttt ctctgccctt gnccgtgggg      360
cccagactgt cctgcagctg taccctgaga actcggagca cctggagctg atcacaaccc      420
angccacaag ggcangcttc actggcggcg tgggtggtaga cttccccaac agngccaaag      480
caaanaagtt ctacctctgt ctgttttctg ggccttnca ctccttgcca aaggggctga      540
ctgaaa
546

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<210> 143
<211> 546
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(546)
<223> n = A,T,C or G

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<400> 143
gtagacgtac agtgccttgn cccaggctga agcntnnntg ctngatcatg nngcttgtcn      60
gttcatctgt ctccnncnga gcncnctggn gntnactncn gagecngaca cacnncctn      120
ttngnnctgg ctcccnanat aatgangncn gccntcngnn tccttanccg ttccttcata      180
cctgttgntt gaagctctaa gcacngnanc catgatccna gtcctngact atnccgggag      240
nggggccggg atctgcctcg cagctggcag cccaggccat ggctcaccg gtagagtttc      300
tggttatagc ccgcagagtt cacacgtgct gtcaccacag gatgtgatct tggagcccca      360
gcgtgaacac cagcacacag atggtggcca gccgcataaa tacacacctg cagggaagag      420
gggagggaaa aaaaggcgct agagctggcc tccctctgga cctgacactg aggaggaaca      480
caggcaactt ccttgcctgc aaacctcaac ctaggtagag attctgctgg ggatgaaaaa      540
ggaaag
546

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<210> 144
<211> 544
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(544)
<223> n = A,T,C or G

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<400> 144
actgagacag cgtggacttg atggagtcct tacggcaccc aggatggaag cttctgcagc      60
tcccagttgc cctgaagat catttttctt tctattctgc tctccctctg tctatcagct      120
tctcccatgt ggaagggggc tcccagttc tcttctctac acatttaatt tcttcagcaa      180
cnttttatta acctcgctcg tctctgggga cttgcagtgc tcatccgtct ctgcccttct      240
caaaccatt cgacaaaatt gggatggtat tgaaataaat gggccctgca gccagccacc      300
ctcttcaaga tggaggctct taaatctggg ctagaaatct ctagcaaatg ccattagttt      360
tccaggagat aatactactg cttcactctg ggtctgagcc ctgggaaggt gctgtcagaa      420
tctcccagaa taccatgggg tctgggtttt tgagtcagag aagggatagc agaattctga      480
gtctcatgtg gcactcaagg cccagnnggg ctatttcagg aagcgattct acgtgtgtta      540
tctc
544

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<210> 145
<211> 541
<212> DNA
<213> Mus musculus

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<400> 145
gactgaggtt cactatctgc aacgccccat cgccctgtgg tgtggcctca accattcctt      60

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gggtgctgagt cagacctcgg atttcagcaa ggagctgctg ggggtgcggct gtggggccgg 120
aggcgcgtctt cctggctggc ccaaggggag tgccctcctc gtcaagctgc acatcaaggt 180
ccctttgtgt gcctgctccc tctgctccac cagagagtgt ctctatatgc tgtccagcca 240
cgacatcgaa cagtgccttg tctatcgaga cctgccagcc agcaggggtgg gggggagccc 300
tgaacctagc caggggggctg gagcccccca agaccctggg ggaacagccc aggcctgtga 360
ggagtacctc agccagatcc acagttgccc caggttgtag gaccgaatgg agaagatgaa 420
ggagattgtg ggctggatgc ccttgatggc tgcccagaaa gatttcttct gggaggcact 480
ggacatgttg cagaggggctg ctggagggggc tggcccagac acctcgactc ccgagagctg 540
a

```

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<210> 146
<211> 538
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(538)
<223> n = A,T,C or G

```

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<400> 146
cagaggcacc cgtagctgat cctaaccgtc aatcaaagtc tccactggag aagtttatgg 60
tcangttgtg caatcatcat cagaagcaat tcatccgcgt cctgagttag ctgtacaccg 120
agtcccagcc aggttntgag gacctgcagc ctntggattc cacntgatg gacgtctccg 180
cttgcnattc ggctgtgccc cagctgagcg gcanagagaa tgaaaaggat gattgtctcg 240
aggagagttc tccctgcctct gtaaaagntgt tcttagactc atccggttct cctagctccc 300
tgaatgtgac tgaagaaacc atgaaggaac cacctnctga gacagactct gtagatggga 360
gagacagtgc cgcgagctcg agcgtgtgcc agaaaggttc ctctgaacct ccagacgctc 420
agcataaccc cacaggttct gcagacagtt ccaccatggg atgcctcggt acactggagc 480
ctttctcttc taactctccc cacagtgtga aaagcttana ggggcataat atatttat 538

```

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<210> 147
<211> 538
<212> DNA
<213> Mus musculus

```

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<220>
<221> misc_feature
<222> (1)...(538)
<223> n = A,T,C or G

```

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<400> 147
ccttggtgaga atcagtgang ncagactgna acaaagaaga gtctnatnac ntcgnaanga 60
natntcntgn ctntcatcan tgntgtgatg nngnatgcc a tgggtttggn nttnatgtat 120
tttccncng tncgggctgg ttgtcaccgc tgatgacttt gggtattgcc ccgcgngc 180
ggatgagggc atcgtagagg ccttcctggc aggaacttgt gaccagcgtg tcaactgctg 240
ttaacgggca cagccgcaga gagtgcggcg cgagctggcc cgcaggcaca gcattcccac 300
gggtcttcac gccaacctgt ctgagggcg tccgggtggc ccggcccgcc acaacgcctc 360
gtcgtctctc agccccgaag gcttctttct cggcaagatg ggatttcggg aggccttagc 420
ggctggagac gttgctttgc cccaggtgcg gggaggggaa tagaagctca actcaggccc 480
cttccgggga gttgctgggc aggtccccc a cgcacgtgga cggtcaccag cacgtgct 538

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<210> 148
<211> 536
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(536)
<223> n = A,T,C or G

```

```

<400> 148

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gactgagatg	agctactgaa	gcacggngca	gtgccatcat	ctaccctgag	ggtacagacc	60
tgtaatccca	gatactcgga	caccaaacca	ggaggatttc	aagggtccaag	ctagtacagc	120
ttcaagcggt	acattagaaa	acagagccag	gcatgttgca	cacctttaat	ccagatactc	180
aggaggcgaga	gacagacaga	tttcttttgag	ttcaaagtta	gcctgctcta	cagaatgagt	240
tccaagacag	ccaaatcaac	atgtgcgcct	ttgggttttag	caattggggag	ggtgaggcag	300
gaagatggag	agtattaggc	aacctaggct	acagagtaag	acactgtctc	cataaagagt	360
gagaggggag	gagggaaagg	gagactagga	agaaaaagga	cagatggggag	gagaaacgga	420
nagctgancg	ggaggctcca	cggagtgcgc	tnggncactt	gaaaagtang	natacagntt	480
taaacttttn	accagacttt	tccanaagag	nccaatnact	tgacactcga	accatg	536

<210> 149
 <211> 534
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(534)
 <223> n = A,T,C or G

<400> 149						60
gaactgagag	gccccaaaaa	gagtattgga	tcgcctggng	tggagtcaga	ggaggagcng	120
agcctcccta	catgggtgct	atgaaccaa	cttgatccc	tctgcaatag	caacagtgtc	180
cttanccctt	cagccatctc	tccatcccta	gaactcaatt	actttttata	agcttacagc	240
cgtgtgcccc	ccaccatcac	cgaagggctg	tggtactttg	aatgggaatg	gccaccacaa	300
gcacatacac	tcaaagtgtt	ggtcctccca	gttggtggaa	ctgtctggga	aggaattagg	360
aggtgtggcc	ttgttgaagg	aggcatgtca	ctggggatga	acttttgagg	ttttaaaagc	420
tcataccttg	cccagttaac	ctccctctct	atgtgtcttt	ggattagatg	tacattctca	480
gtccccanaag	catgcctgct	gctgccatgc	tcccaccgng	aagctnatgg	attctgtctac	534
cctttggaac	catgagtccc	anaattaaat	gctttgtaag	ttgaaaaaaa	aaaa	

<210> 150
 <211> 534
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(534)
 <223> n = A,T,C or G

<400> 150						60
gactgagaat	aaaaatgtct	acagnnggaa	aagtagaagc	catgggggaag	ctcatatata	120
tagaacgagc	tcantcagga	actccagagg	atggctgcct	naacctcccc	aatcaggaac	180
tccagaggat	ggctgcctca	gcttccccaa	tcaggaactc	cagccaacgt	cctcaacttc	240
accagccagt	ttctgctggt	tgctatgctc	cgtggactat	ctgctaattg	taattaagca	300
ttcacactga	gnnatgnatg	ngcgngngtan	ngccancntg	aanngngccn	tgacccttnn	360
gctgtgtctt	ggagggggaa	catngcccag	aaacanccac	nacccggctg	ntancatcnc	420
caaggnnggc	acaggggtgaa	ttctgcaacn	gaangctgnc	cntgtggnga	gganctggnt	480
actttaccag	nattngctga	gggnnggacc	tactcagggc	tcttttaggc	attaatacca	534
gngagcggtt	nagggtaaat	gtggngtctg	nggccacagc	gttttttaaag	agat	

<210> 151
 <211> 529
 <212> DNA
 <213> Mus musculus

<400> 151						60
actgagtcta	tgattgtcct	tctgatgtcc	tgaccaaccc	ttccacagag	gagaattata	120
cagaaatggt	actacaagga	agtagggctc	gtttggacc	gtcttggaag	tcacccaccc	180
agagcactca	gatataat	ccgagaagtg	atggactgct	ctgatgagtc	gtaagcactg	240
tgaactcgtt	ccacctccgt	ctcatctacc	atgagaacct	cggatatctag	caatgccaaa	300
tactttataa	cattagtgtc	ttcattccgg	gggactgtag	atgaaagtat	tctactttta	

ttgtatctca	actcttaata	tgggtattgt	aaaatgacta	tgaaattaag	taattttaga	360
accacagaga	acatgtgtta	ctaaagctct	cccacagggg	cacccccaag	caaaatcaag	420
gagctaaaaa	agtttcttac	ttctcacacc	cccctgcac	cctcccctgc	tccattgccc	480
tgtgtgtgca	ctattcagct	caataaggag	ggacacttgt	catgcaggg		529

<210> 152
 <211> 529
 <212> DNA
 <213> Mus musculus

<400> 152						
actgagggga	cctcagcccg	gctgagctga	tgatgctgac	tataggagac	gttatcaagc	60
agctgggtga	agctcacgag	caggggaaag	acgtcgatct	aaataagatg	aaaaccaaga	120
cagctgccaa	gtatggcctt	gcgtcccagc	cccgcctggg	ggatatcatc	gctgcagtc	180
ctcctcacta	tcgaaagatc	ttgattccta	agctaaaggc	gaagcccgtc	aggactgcc	240
gtgggatcgc	tggttgggct	gtgatgtgca	aacccccacag	atgtccacac	atcagtttca	300
caggggaatat	atgtatatatac	tgccccggag	gacctgactc	cgatttttag	tattcaaccc	360
agtctttacac	gggctatgag	ccaacttcca	tgagagctat	ccgtgctaga	tatgaccctt	420
ttcttcagac	aagacaccgg	atagaacagc	taaagcagct	tggtcacagt	gtggataagg	480
tggagttcat	cgtgatgggt	ggaacgttca	tggcccttcc	agaagagta		529

<210> 153
 <211> 527
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(527)
 <223> n = A,T,C or G

<400> 153						
actgagaaac	agacactcag	aacagannac	cggccggcac	gcacacaaga	ggggatcccc	60
atacctccaa	gtcggttctc	gggtgtgagg	ggtggctcgc	tttcccggcc	aacgcaccaa	120
atgaaagacc	cacaacgtga	ggactcccc	acgttctgac	tcaggagagg	cgacacccca	180
aaatcaccaa	cgagaaaact	ggtcttgttg	caaattgcaa	gaggattttt	attcaagagc	240
actctcgggc	ccacgggtcat	acaccacgca	ggggtagagg	actgtggcgc	cccagtagc	300
tgggtaaggg	ggtattttaaa	ggaagaaacc	gaaactcaan	gaantgggga	gggctttgtt	360
ngaagatacc	aaagatacca	gttaagagtt	acaaggaagt	gtaaagttac	nagagtcaca	420
aggaatncct	ggttaattgtt	aactctcaag	acagnttcta	agagccccta	acaatagcac	480
atttgcatg	caggttctg	taatggccag	ggtgactttc	ttttgaa		527

<210> 154
 <211> 526
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(526)
 <223> n = A,T,C or G

<400> 154						
gaaacttgag	gtgatttgct	tgcanagggt	tgctgtctta	ngtcccccaa	gctttggagt	60
tcacagaagg	ntttggaagc	caagacctgg	acntacatct	ggtgtaggtc	cacacctttc	120
tccatagagt	gtgggggagc	ttgagccgaa	gatctacgtc	tggaataagc	aagagtagac	180
ccatatcgga	cctctacttc	ctccacccct	ttccatgtgt	gcaaggagtt	aaatggacac	240
aagatgggga	agccttcagg	tggtaccaag	agctaacagc	tggtgcctg	aaggccctca	300
cctgaagcca	aaccagaaca	cctcagccca	gagtgtcacc	ttctgggggc	tgggcacagt	360
agctatactt	ccttaactct	gacactctag	aagcagagcc	tggcagatct	ctgtgagttc	420
gagggcacct	acattgggtct	gtgtaacaag	taccaggcca	ggcagggcta	cgcagcgaga	480
ccgtgtcccc	ccacccccac	cccccgcccc	gtctcaaaaa	aaaaaa		526

<210> 155
 <211> 525
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(525)
 <223> n = A,T,C or G

<400> 155							
gttcgtcatc	catccctgcc	tcagaagang	gcagcntcca	tcgtccaggt	gcntggggcn		60
tgagnganna	ntccatcng	tcccttcagt	tcnttttccn	taanctggac	ganngnaccc		120
nngacnatch	tctcagngtt	attgtaagct	tctaccacct	aaggagtccg	tcggtgctac		180
ctgctgcctt	tcccagtgca	gggatgggac	tccaggcctt	atacataggg	tctccaaaag		240
actgacactg	gtacttagtg	catacagccc	aaggnaaggc	ctgggctccc	agattctcct		300
acctcagacc	tccacagtag	ctgggaagaa	agaccagtcc	caccaccta	ctgaaatcgc		360
caattccagc	tgagccaggc	atcccaggac	cggttccacg	tctacgactc	tgatggtcac		420
caagnggctg	tagaaccacc	anagacaatc	cacttccttt	tctgtttttt	acattattat		480
ttttggaagg	caggatctca	cagagctnag	atttgccctc	aacac			525

<210> 156
 <211> 523
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(523)
 <223> n = A,T,C or G

<400> 156							
ctctgggctt	gttctgcnet	canggaacgn	cgtgtgcggc	ggaccagang	anagcncagc		60
aggcgccacc	cttgaacaga	tggnaaagaa	acnaactgtg	aangcaacc	cacagntttc		120
tcatggtcaa	tgagtttctg	aaggagatnn	aggctggggc	tgagcatgca	gcctgatttc		180
cgtgggcaca	gnatcggact	aagaaggcct	tctggaaggc	tagggaaatg	gaaccccaga		240
gncttaagga	atggggcaat	ttcctcacct	ccccctcta	gccanaaaca	gtntgtgcna		300
ttgntaaaga	actnangctc	cgactctgca	aaagagaact	aatgtctaca	gctgagtant		360
agcacaaggg	cccnttgctg	gattctgctt	catttanagt	caattactct	ttgcttctaa		420
gaggaccgca	nctttgaagt	aatatgagaa	catatttaat	cctgccctac	ctgggatacc		480
gatttgtggc	attttgccaa	agtcccaggc	agatgggtttc	taa			523

<210> 157
 <211> 522
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(522)
 <223> n = A,T,C or G

<400> 157							
gactgagcag	aggactgctt	ggtctggcct	cagtgaagaa	agatgcatct	aacctgaag		60
agacttgaag	ccccagggag	tgggatgga	ggtgtggggg	ngctnacatc	ctgtngaata		120
tgtgagctgg	antgnttaca	gtctgcttgc	ctgnnnnatt	gactcacaga	cncttccgtg		180
nccaatcctt	aanaggagng	attgtttnt	tncagaggcc	ctatcnnnnt	gntgatncag		240
tattgacata	cnacangnct	gtcatccgt	ggactncant	agagaanatg	catcgtaann		300
aatgangagt	nttgagncc	cannagngt	ggatggaggt	ganggtgcat	gccatcacat		360
gntctacaaa	gcaggaanga	gcaaaaactn	gctgnnggnt	tgtnatatga	agntggccan		420
catgccggag	tgncgactcn	ggaacaagan	gaggancntn	tttgttgtga	ctaattggtt		480
ctgaaaaaac	cgtttttatt	ccattcacag	acaaaacttt	gg			522

<210> 158
 <211> 521
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(521)
 <223> n = A,T,C or G

<400> 158
 ccaaattgccg ttccagggna ggaacccaag nctgngntct gctggccgga cacaancaaca 60
 gaaactgcng gagganggnn canacttctt ttgttnaggg ganggaantg tntcctgaca 120
 anttacagng anaagngtac ttnggaaggc gnattctana cacagacgtg actaagctgg 180
 gagccttaan accaagagaa gaanggtgca taggagcctc tggatcatga anaccanag 240
 anggtntatg catanagcct ttgcatnctg ctttttgtgn cngtggatgn gancttgcag 300
 ttinnctatc catccatggg tactnctatg tcccctgcan atagagnctg gtgaagagag 360
 cccacataa ggcncaaacn aaagggtgact ngctctccacg cagnancttc tcatactctt 420
 tagtgccctca ctaacttttg aacaaaattt gaccaaata tgacctaata gtccaaaata 480
 tttctataca tggattaaac catctggttag tatttactaa a 521

<210> 159
 <211> 513
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(513)
 <223> n = A,T,C or G

<400> 159
 gactgagcgg agaccagtta cacctgnccg cagaaatggg caccttgatt gcagactgcc 60
 tagggaacgg aggacgcacg tgtactgtcc gccccatcgg gtgcgatgca gggtccagcc 120
 gaagatttcc agctccaact ggcacccgga ccacgaattc tgctcgccaat atctacagct 180
 cctctccctc cccgccacgg ggtgtgcagt ctgactccgg ggccccaagg cttcctgtac 240
 ccgctgatcg gcagggcggg ggtgggggag agccggttct gcagaggact gaaaccggcg 300
 ccctgcccc tcttcttcac cccagtgaag gagggctgta aaattccgga agagagatta 360
 gaggcagggg atgggtgggg gcggtgaatc agtacattcc ttccaacccc tgnntannan 420
 tatagagnta tcacttntng aggnntnna ncattntnta tagcttnttc tggagagtgg 480
 ttaactgnng tgganncgga catactgagc aaa 513

<210> 160
 <211> 511
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(511)
 <223> n = A,T,C or G

<400> 160
 atcaagtctg tcaagatgtg atttgtcacc aagcagaggc tcacagtcta actcaggact 60
 caaacacccc aagccctgga accagaccca ggaacagtgg ctctccttcc gaaccagcca 120
 agcctctagc tcactcctaa gcaaagggct tgtcatgaag ttatctctgc tctgttctgc 180
 aaacccagaa ttctcttata atcctctgcc ctgtccgaca gctcagccc ctccagtttg 240
 tttcctttac attgcagctt cctgagaccc ctccagaccc tcccagtctt gtcctgcagc 300
 cagctgaccc tttagttaca gtcccatgag acttgatttt tttttccccc tcatacttta 360
 aaactaaang gctgtcttaa gncaacagca gagttnaaca gggngcccca ncnaaancca 420
 gggtttgttg ggcctgnngg aaagggtgcca ccctaatancc aggcctnaaca antcatgggn 480
 accaagccaa gtaagctggc ctcccccaag g 511

<210> 161
 <211> 508
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(508)
 <223> n = A,T,C or G

<400> 161						60
gactgaggca	gcactcaatg	gacaagtgtg	cgagctgctc	actgttttca	tggattggat	120
atcagactgc	caccttagca	aagtggagcc	tgaggaacct	ggtgtagatg	ggggaaagcc	180
accagccaag	ccttcccaga	gaagtgcacat	tcaagagaaa	tgtgtaaagc	tggtgcctat	240
gatgacagag	cagctccagt	ggatgccgct	agtgagcgcc	aaactgcacg	agccgttcgt	300
aagggtttatc	tattggtctc	tgaggcagct	ggatgccagc	gcacgggnac	tgagtaattg	360
gaangngtnt	taccatnngg	tctntngccc	atgttccaca	naaaaggaga	tangacgtnn	420
gcatacactc	tgatnttttt	ctgtntaana	acaatcttnt	ntgttcaata	ctgtcctaag	480
ggtctgntag	gaattgtatt	cntcttgtag	accaattnat	gtgctcagnc	ttttnaacat	508
aggaacgtac	ccatcttttc	actcacia				

<210> 162
 <211> 508
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(508)
 <223> n = A,T,C or G

<400> 162						60
actgagctgg	tgagcaccga	ggctgcnctt	ctgcagcagc	tggcgnagtc	gatgctcaaa	120
gatgactgtg	cgtccgagct	gaggggtccac	ttggccaacn	tcttccctct	gccctncgat	180
gtagaaccnn	ccacgaattg	acctgattgc	antggtgatt	nancttcaen	gncatataca	240
gcttccanaa	agtggctgag	ttntngcagc	acgnncnacn	gcancttctt	cctgggggaan	300
gtgcgctntc	ttgtaccacg	gncggacaca	ggaangccac	tgcanngtcc	accacaacac	360
agttataaaa	ctggcccaca	cctaccaaatt	cccntgtctc	ctctntnatt	tacagngngn	420
aagctttnat	gcacccatng	cacggcctct	ggngcgcatt	ntgcagatgt	gtgctggcca	480
tgtgccaggc	gtntgcgcgc	tgaacctgat	gtccntgctg	ngnngccccg	agaaccnccc	508
atgcaagnag	ctgtgagcat	tactggcc				

<210> 163
 <211> 505
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(505)
 <223> n = A,T,C or G

<400> 163						60
atgagagcca	ctggcctgac	acaacaccat	gtcggangca	ctcttantct	cttgtgtcct	120
gggagacacc	agcttatgtg	tggcagagct	gtccagggga	gangctcaca	tatcaaagga	180
ctgttgtcta	gccaaggacc	cgagccaaca	gcaacactgc	caactgcaac	acttgccaac	240
tgccgatgcc	actggggaaa	cagacctttc	ccatgttgaa	ctctgtaata	actcaggctc	300
caagagactg	agccagaggc	acccagggtat	ctgtcccaga	aaaactggaa	gataactgtt	360
gaggcctgct	cctttcaaca	taaatgtagc	cattttgcat	tcagactcca	tggtcctcgc	420
aaggtgaaat	taagttcaca	gttattactc	tgatactgaa	taatgctact	aataagccaa	480
aaagttatgg	ttgaatcact	tgtatcctgt	tatgtcaatg	ttctaaaatt	cccctgctca	505
tcattctatcc	acctcttacc	tact				

<210> 164
 <211> 502
 <212> DNA
 <213> Mus musculus
 <220>
 <221> misc_feature
 <222> (1)...(502)
 <223> n = A,T,C or G

<400> 164						60
ctcacactga	ctaattcctn	ttgacagaaa	gntcaggtgt	acaatagntg	ttcanccccc	120
aaggctggat	gtctnctgtg	gccctcanaa	gtatgctgga	atcttaagaa	gtcgggtcca	180
gtgccagcna	aggaatggac	tttgntagca	aggtgagagc	aagcaggcag	aaagcagagg	240
cttctccctn	cttggctact	ctngggtgan	aactngactt	catctgnaag	gaactaaact	300
gcnnagactgg	aggcgcccct	gngagggatn	tagnctagcg	cttcttcttg	ntcttcttna	360
tcanntgcgg	ctacgtactn	tntcanggg	nngctgaatc	aaantcaatt	cacagcggcg	420
gaagacttgc	ttgctgagtt	ttatttccgc	tttttgaaa	tggtgncat	tctttaccac	480
tgtctgactt	gnaaccttat	gtgcagatcn	ttttaactcn	aactttcngg	gcanntcctg	502
gctttccctc	cctggactac	ac				

<210> 165
 <211> 502
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(502)
 <223> n = A,T,C or G

<400> 165						60
gacttgagga	gaggatccta	gatatccaca	gtgtggtctc	caggctcactc	ngtanctgan	120
tcnacantc	caganagatn	caagaacggg	tcctcgccca	atgcanaact	gngntgagga	180
tcaacagaga	acacacataa	ctctgcaaac	atccctgggg	atacnttggg	acaggtgtca	240
nttnncgtna	cactcttgga	aagganaana	gcaagnatgt	nannaccatc	tcaantccnt	300
cnctcaggaa	gtgcanangg	agtgagggtg	nttcattgac	tgccgatttt	ctggngggggg	360
gggatatgna	tgcaaagagc	aggcntangg	antagtgcac	tatctgccaa	gctctgctgc	420
aggggaaccg	tggctctgag	aacatctgca	gggctggtcc	ctgcactgct	gnccccctgg	480
agggntnggn	tcactctncat	cagnaggnc	ctctgggggg	cantttattc	nggaccatct	502
gggngggact	ggaggttctc	tg				

<210> 166
 <211> 500
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(500)
 <223> n = A,T,C or G

<400> 166						60
agactggcct	tgcaactcca	aaaggcangc	angatntctt	tgttcgaggc	cagnctggcc	120
ttanagnctg	gntgggnncg	ggcngcgcn	atagagaggn	gttagngcng	gcctntggnt	180
gcccatatna	tctcttcagc	gacngggccg	atgtcncagg	tttccgaanc	accgttgctn	240
agctggnatg	accaagagaa	gcngnacctn	ncttgaggaa	acttgntact	aagaagaggc	300
caactcgunc	nggagggccc	tatgctngnt	gggtgncana	ggttatgctg	nagcagaccc	360
annttgcna	agtgatcgac	tattatactc	gatggatgca	gaantggcca	aagcttcaan	420
acctggccag	cgcttccctg	gaggaggtga	accagctctg	gtctggcctg	gactactatt	480
ctcgaggccg	tcngntacaa	gaaggagcta	ggaagggtgt	aaaggancta	gnaggccata	500
tgccacttac	agcagatata					

<210> 167
 <211> 499
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(499)
 <223> n = A,T,C or G

<400> 167						60
tgagaaggat	ccctcccccc	cccacctccc	ctacggcacn	aacaganntc	nnggtgtggn	120
acggcactgg	ccagancatc	ctgnanactc	aacaccngng	actnctctgc	gacntgggtc	180
cngntacagg	acnttttnagg	actgactttc	ngatggatct	acntccaccg	cggtcntccc	240
gaccttacta	ctattacttg	ccaagtgtga	tnggcgagac	tgcntgcacc	atgcagtaag	300
actcaccggn	tccatcataa	gcgtcaagtt	ttaccatagc	aaagcaagag	cctgtgtggt	360
tntnctctcc	gctaatactg	nacaggaaac	atcnnntgtc	tnggactaaa	ggcctgnctt	420
tccttttaag	gacctattct	ntaatctgag	ttntantaa	ataactgaca	ntcttctana	480
ctnnactnnc	ccctaattac	agacactcan	ttcnattaat	tgaanaataa	actncaaaat	499
cttgaagaac	tagactaag					

<210> 168
 <211> 498
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(498)
 <223> n = A,T,C or G

<400> 168						60
gaactgagcc	ctaggcagag	tngactgntg	agtcctatcc	ccgctntaac	ncnagaccga	120
caggagnngt	ganacgtaan	gactgccccn	acntgttctt	ggaggagaga	tcctcanaag	180
gggagcgctt	gtgccccgcg	cccaaacctc	ccngcaacca	aggccccctt	ggaggggaca	240
gantaaagan	agccctcccn	tgcntntctt	ganacccaaa	aagctgtcag	cagtctacat	300
ccagttcaat	ctgagccatc	tagccggcca	caggggacatc	gccagatgt	gcacctgtat	360
cgactcgagg	aagtatcagc	gggatgcaca	catggccgtg	ttcctgctcc	ttggctcgtc	420
agtgtttag	cacacacctg	ggagcaagtg	caggactgct	gctctcctgg	ggtttggtgg	480
gccagctaac	acttgtctcc	ctccctcacc	ccctctgggg	ctggagggtg	gggggggggc	498
aggtgagggg	ggggcttt					

<210> 169
 <211> 539
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(539)
 <223> n = A,T,C or G

<400> 169						60
tggtgggaag	aactagtctg	cgncgcgtgc	agcagctncg	agtaggggtg	ctgagccgct	120
gctcactcga	gtgctnccaa	gggagagaga	gggcagttct	gctgcctcag	tccttgacc	180
tcctccctg	ccacttctgg	acctctccac	tgccctgcaa	ccaaaataac	atacgacttt	240
atgggtgggc	ntctagatga	ctacntggga	ccctgctctg	tcctgtgcct	caggctttgc	300
acattagatg	ctaaatattc	catttactat	tggtcatggc	aagagagacc	tcatttactt	360
gtttgtttta	agttgatgaa	cgcttttccc	ctccgcttct	ttttaccctt	ttgagataaa	420
atgttgccat	gtagcccaac	tatgctggcc	tgagaccctg	acaattcagt	gctttttttt	480
atacaatccg	tggtgggtgt	gataccatac	acctgtaatc	ccagcacttg	gatatagaag	539
cagggtatatt	tctgngagtt	ggaagccagc	ctgggtgtgta	tataagtttc	aggccagcc	

<210> 170
 <211> 493
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(493)
 <223> n = A,T,C or G

<400> 170							
tgagctgtgt	gatgagcaac	atcactcacc	caagnacacaa	gtctctacnt	ctgagagaaa		60
ggnnctgttc	aggccacttt	cacagttggg	tacagccaac	accagcaatg	actgcacatc		120
tggcctgcc	caaggctcct	gttgatttaa	cagctaaggt	tgactgaaat	caacctgcat		180
tttgtaata	aagccttcct	ctgtaagtta	taatttttca	aacaacaaca	acaacagcag		240
cagcaaacac	acagacaaac	agacagagat	ccaaaatgtt	tacatcaaac	acatgttgcc		300
aatgtgattg	ctgcccgtgt	gtggaaacat	tccctagatc	atgtgaatga	ctgcacttga		360
ggctaaagtt	cttggaagag	ttctaagaag	ccgacaaatg	gaaagcggaa	aattactcag		420
gaactgctgt	ttggcaacta	caactgntag	gctgtaaaat	aaaccttctt	tcaattcaac		480
ccaaaaaaaa	aaa						493

<210> 171
 <211> 493
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(493)
 <223> n = A,T,C or G

<400> 171							
aaccaaggaa	ggcgtggctc	ctgcctgact	gcctatggga	attgctggga	acttccgnnt		60
gcaggcgccg	gcttgcanct	cactcaggcc	gnantccctt	tngtagctgg	tcactctcat		120
gcttcctcca	ccggcagcac	acatgctgga	agancatggt	catgngactg	aagatganga		180
ccggtgaggg	canaaccggc	ctctcgtgga	aagtcatgat	gagctgcnac	ctntgaaatt		240
tccatacttg	gttgatata	atacttgacc	tcaaaaaatg	nnntgctgaa	ncanaccgga		300
cagtcacatg	acaancangt	attgactttt	naaaggattg	nctccctctg	cctgctgncc		360
atccatnctc	cnatacgctt	tagggagtg	ccantcactt	gaagacggca	atanggaggn		420
tgaccacaag	gatgatcgcc	accaaaaagg	agnaggccat	tatggccgnc	acagtccatg		480
ctcctgtctt	gca						493

<210> 172
 <211> 492
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(492)
 <223> n = A,T,C or G

<400> 172							
gccaccaagg	gcagtactgt	gtccacccaa	gccacagct	ctccnatntg	aagaactgct		60
ccatantcac	cgtctgtcca	cagngttctc	acangntac	attctnctac	canagggttc		120
tcattgcaca	ggcagncang	agtaggccat	ggccccatgg	gaggccaggt	ggnacccctg		180
gaaggcgcca	tccagctntg	accnnga	agggggcatg	gcccctcaga	gagcncntng		240
ctgcagatnc	gagncctttg	actnncatnt	ttatactnga	ncggctacaa	ggctgnaacn		300
gacnaactgt	tgagtgtgng	ggaccatttc	aggaccaggg	gggggagagg	nncattttcca		360
gcttgatctt	ctaggagggc	tagggcctct	atngtcaaag	atngattttc	ccaacactgg		420
accaaaattt	gnatgaaaac	tttncntgt	aanaccataa	atagcannta	ttttccagaa		480
aagaattaaa	aa						492

<210> 173
 <211> 491
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(491)
 <223> n = A,T,C or G

<400> 173
 gactgagctt tcgaaaatgt gatcgaccgg ctgaaggagt cctctccttc tggctctaag 60
 tctcagcgat attccagcgt ttntgggtgct tcagtttctg atgaagattt gaaaagaaga 120
 gtagctgagg agctggcatt ggagcaagcc aaaaaggagt cagaacacca gagacgcctt 180
 aagcaagcan gggaccctag aaagagaaag ggctgcagcc aatgagcagc tgaccagagc 240
 tgtccttcgg gaaagaatat ccagtgaaga ggagcgcagc aaggcgaagc atctggctcg 300
 gcagctggaa gagaaagacc gagtgatgcy gaagcaggat gcattctaca aagagcagct 360
 ggccagactg gaggagagga gctcagagtt ctacnaagtc accaccgagg agtatcanaa 420
 agctgctgaa gagggtggaag ccaagntcaa gcgggatgaa natcatccag nctgtgcaga 480
 tctgcagacc a 491

<210> 174
 <211> 488
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(488)
 <223> n = A,T,C or G

<400> 174
 actgaggatg tggagccctc gcctgattga tgggaggaaa agcaagtctc tggggcctgt 60
 ctggggccctt gcctcaggtg tgagtcaagt gtcgatttga tctgctgtca cctgtccctg 120
 ggaggaagac ctgccattga aaggaagagc tctgcagcag tttgtgttac tggggccagcc 180
 tcccttccat cctctcccgc accaggtcca acacaggccc aggctggatg tctgtccttc 240
 acagtgcctt ctctggccca gagcatgtca atggacgtgt tggcatccct tcccctgccc 300
 ctctaacaga tgcctngngg atcangcctc atctcggntt gccnaagagg ncatcgccca 360
 ntccatanag ttttactgag cagggttaagc tgggtcttga tactcagnnt tcctgtttca 420
 tcctcttgaa tggacatctg ccagcattnc cagaccactc ttcttaggtc atcgatgagc 480
 tgggtgtgg 488

<210> 175
 <211> 485
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(485)
 <223> n = A,T,C or G

<400> 175
 gactgagagg ctgggggagca gcagcatgca gccggaggag ggaacgggct ggctgttgga 60
 gctgctgtcc gaggtgcagc tacaacagta tttcctgagg cttcgagatg acctcaacat 120
 taccctntn natganacc nngatggagt agaggagtac ctgacaagaa tgtgaccatg 180
 gagcctgnac tgggaactng cggncattgg cctggctctt atgaactgg acctataanc 240
 agncggaagg aggcacaga nncagaaaag gtgnnaggat nttctntggc agggaccngg 300
 acccaangcc ccgnatgtng anggagacc nngnggcnc aggacttnc ttagtagcct 360
 ggtactcng tggtgtanc tgatgagnnc ccacagnct ctggttgccaa agtcgtggcc 420
 ccagctatgg atatctgctt cttccagaga aataaagctt gtttctattt tatgttaaaa 480
 aatgg 485

```
<220>
<221> misc_feature
<222> (1)...(484)
<223> n = A,T,C or G
```

<400>	176						
aaaaatccag	tggcacnctg	attcaanctt	ntntttactt	gtngccacag	ncttaaagan		60
gcaannngga	ggatgcntnc	tnanagtgc	tagaanccca	aggatncgtg	ttcaagacc		120
aagtgacttt	ctntagcccc	tggttctggc	cagggccttag	cagccccttc	aatccacgtg		180
gnqnttctnt	ccccgcgatg	ntgctccta	cggctctgggc	ccattttaca	aatgagaana		240
ctgaggacag	gtactaaaag	cttanatcgg	aagttacctn	atanttgxxx	acaaaggnga		300
ctcctgccat	ancctacctt	nnntgngaag	gtcaccatga	ggctcttttc	actccctntg		360
gacgggttcc	cggnggtata	ccacatgggt	cctcccacca	ncctntttnt	cctgctgcc		420
tcgctccagg	ggctcgatga	annaatntga	gtnttctgtg	cngatgaggc	cggcctgggg		480
qcca							484

```
<210> 177
<211> 483
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(483)
<223> n = A,T,C or G
```

<400>	177						
gactgaggaa	gggatggaac	gttcattgta	gacagtgcct	gatctttctct	gacctccctc		60
actctgagct	gaatggggtca	tggagacatt	atctgcacca	ctcagctatc	tacccgacac		120
tccctggcct	ctttctgcct	tagatggatc	ttttgggctt	cttcagctga	agaaatgatg		180
ggaagacgtc	tgaggtactc	acctctactt	gaagcatttg	ggtgttctat	ttgattgcct		240
gttttttcac	cctctgcctc	tctggactgt	gaactcctac	agggngangan	angnaggcac		300
cncnnccnna	cccnnaaacc	agatagctgg	gnnggggagcn	cactgntcat	tnantctacn		360
acnccnacng	gnnggaanntg	annagcacnn	cccnggcacc	tttttactgg	accacaccat		420
tatttcggcgg	gaatnggggtc	ccctccccct	tccttttcata	actgggggtca	caacaataaa		480
att							483

```
<210> 178
<211> 481
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(481)
<223> n = A,T,C or G
```

400						178
aacaaagtgt	ggtgcanaga	ctgaaggaan	ngccatccag	anactgcctc	acctgaggat	60
ncatcccata	tantnaccan	accacacac	tattatggat	gncnagntng	tgcagtctga	120
cagganccat	gatataccgt	gtctcctgag	aggccctgcc	agagccctnaa	ctgaagctct	180
gngnnaacc	atngaactga	tcacaggctc	cccaatggag	gagtnanaaa	aaggactgaa	240
ngagttnaag	ggatttgcaa	cccataggaa	gaacaacaat	atcaactcaa	ccantactcc	300
taggggtctaa	tccaccaacc	acattataca	tanaggnacc	catggcttcc	acctgcataa	360
gtancanaan	atggccttgn	caggcatnaa	tagggaagag	agaccctaga	tcctangaag	420
ggctngatgc	cccagtg nag	ngggaatttc	tnagaacagg	ggaagggtgag	agtgggtgaa	480
t						481

<210> 179
 <211> 481
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(481)
 <223> n = A,T,C or G

```
<400> 179
gactgagggtg gggctctttca gtactgcctc aaaatgtgaa atactctggc ctcgaccntc      60
cgagtaaggg tccaagcagt gctatgcaga aactgtgttt ccttggagca ggctcagcca      120
gcagtctaca aggcgtacgc aaactgctag ctcaacccca gcactctttc ctgcaacact      180
gcaaagatgt tcctaagaag acattcctct tcagaactgg aaaagtgaaa agctgtcacc      240
agccacagac acacactctg gagagggtgt taaaattcga gaggggacac atattggaaa      300
tctatgcttt cctcttaatt ttgctgggaa ctcaaacagc aatttaagtt tttttttgaa      360
naaaagagcta tgcatatgga tatagatatg tagcatttta acaccaggct acaagatatt      420
cctgggtgtcc tctgaagatt ctccattgaa tataaattaa accttctgag taaaaaaaaa      480
a                                                                                   481
```

<210> 180
 <211> 479
 <212> DNA
 <213> Mus musculus

```
<400> 180
aactgaggaa tgaactgcag tccagaattg gaaggctcac ctgtgatcca gatcttaagg      60
ctggaagaca caagtttctg acccggatct cgacatggat gaggccataa tcaggcaaga      120
tagaacacgc ctttaattcc tggagactgg cgcaaggaga tcaactgagtt caaggtcagc      180
ctgggacaaa gcaagtccca gagccagggt tagtggtaca caccctttatt ctggggccata      240
ccttctgctg gagtcccaaa taagggtcttt ggaagaagga agattcactg tttttcgctt      300
gcttgcactt acttgccagc tcttctgtta gaatctactt ctacagaaga ccagctgaaa      360
caactagcct cgttggactg agcaactatt agactcttgg gcttcccatc ctcaactgac      420
cattgttggg ttagttggac tacagactgt aagtcacacac aataaattcc ctcaattcc      479
```

<210> 181
 <211> 475
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(475)
 <223> n = A,T,C or G

```
<400> 181
ctgaggtagt gcttgggtgct ttnttttctg gcccgtcct ccatcacggn canttctngtc      60
tgatgaccgt ganangatat ctccccgggg ccnnccngc anctctngct ggccntccta      120
ncaaggtgcc ntgtggnnagg gtgcgancct cagegccttg ntcccttctt cctcccaagt      180
gcgtcaganc accaccantt caagagggat gcctcacntt caaagcnttt ctntccaggt      240
tcttatatgt ttaccntttt ccnncacag ggctgaaagt cacagatata ttctagcttg      300
tttctaggaa ggcttaaaca agcttgtgag tatcctctta cctttctgtt gtatgtggaa      360
attagtactc ttctcagaga cttcttgaag gtaactctga gcttttctga agaattctct      420
cttgagctac tgttcattat tttgccactt aatactctgt ttttaaaaaa aaaaaa      475
```

<210> 182
 <211> 472
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(472)
 <223> n = A,T,C or G

<400> 182
 cgagcctgtc cttgcctttt tgcgtcggtg ggcattgcggc gcggtggacnc tgcaacanan 60
 ancgggtccca nncggccttc ncgtggggcag tggccttgcc angcacctgg ccaaggctgn 120
 cntggacttc gtggtggagg aagancntga aggnccacct cacntgctgg tacatcnana 180
 agtangttaa ggataaccct ctgccacant acctgnagcg cctanagnca tgaccctggc 240
 cactgtgtgc angattgcac cctgtggggc ttctgtgtgg gcctcancca gctnatgtgc 300
 tntcaggaac ctgttnccat ggggacaggc tcagagttat ttttgcaagg acaccngtct 360
 gcagncttca tcnangattc tggggaccag ctgctggttg tggatatgtg aaaagccata 420
 ntgggncnaa gggcnngcca agtngtnaag acccatttcc cacagaggtc ct 472

<210> 183
 <211> 472
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(472)
 <223> n = A,T,C or G

<400> 183
 gactgaggat gtctaacata ttcagaagaa ggcgccccag agtggcctng gacctcangt 60
 cagctgccct cctcnggcag aacgancntt gggccttgga agcctagggt aagcagcttg 120
 ttctgacaac tcttccacaa gaccccatga tcccatcacc actgcaatct gggantggac 180
 taagtgtccc cccccccagg tgagggacta cttgagttan taagggtgct aataagtna 240
 tttnccttta tgcttctcca cacatctgac cgtgtctctg tttttactgn gtaaagctaa 300
 tatgtctagc cctgcactctg agatttaatg gagagagatc aaagaaagaa taaagaaaga 360
 tgaaggtggg gtgctgatga gagaccaaaag gcttatgtaa ggaacagaga acaagatgtt 420
 ggatgtctct aagatgggtca gggagtctat tggaaaataaa ctatggaaaag aa 472

<210> 184
 <211> 471
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(471)
 <223> n = A,T,C or G

<400> 184
 gactgaggaa aaaggtgaag gtttgaggan gangaggtag ctttcatctt tgggaaaaat 60
 gaaggnatgg antcncacan aggtatttag cgtactcnat cangncagaa ctacactcat 120
 gangcacgtt cacgtatttn tngtatctgc canantcaag anactgtact tccacaagnn 180
 tctgatngca ttgtacttan tgccttgana tgaggtataa agggcccagc gggtcctttg 240
 taagtccctg ataaacttac tgagtcttta acagtgaaga caagtatttg gattcagtga 300
 ggagccactg ttttagtgtca tgtttttatt gaaacagttt attttctatg ttttatttta 360
 acatatatag ggcctcgtct cagaatcatt tatttgacca ctactggata cctatgttgt 420
 gtcaggcatg ctttttagtaa agggctcatt aatgataaaa ggaaatatga t 471

<210> 185
 <211> 467
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(467)
 <223> n = A,T,C or G

ttggnnagang agagtttgtt agtanagagt gttttgagtt attaaa

466

<210> 189
<211> 462
<212> DNA
<213> Mus musculus

<400> 189
gccacaccaa gtctccttgc acttgtaaag cacgaaatgc agtttgacca ggtatgttcc 60
catggctgag taaacatcac ttctattcat ctccacaaac tctgcatcaa cccaaacgga 120
agctctgtgc tcaactaaaca ctaccttcca ggtctccacc caagcctgtg gtaacttcga 180
cttcgttcac cgtctttgaa ttacaatacc tcatataaag ggagtcctat agcatctaga 240
aaagctagct tttggctcta ggggataaaa gacacaacca cacacctaac ttcttaacca 300
acgcacaagt gcctgtacgc acgcacgcat gcatgcatgc acactctgta ggaagccttc 360
acgtcctgca gtcccagact ctacgtacca tgggtatttg atgaacaatt tttaattggg 420
ccctgacccc ggttaaatac cttttcctaa aagactcaaa gt 462

<210> 190
<211> 460
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(460)
<223> n = A,T,C or G

<400> 190
gactgaggtg gaagaanaag ctttgatgcg ccgcannagc angnntgttc agangtctta 60
ncngtgaacc taagggacaa agccntctcn gttaanttgt ctntttgana gngnccnngg 120
nnntntntc cttcttttgg ngcctgggng ctnaagagtc atgtantttc tgcattccta 180
atatngatat tactgacttg ttagtctacc taaggatgca tttatttttg tctattaaaa 240
gctaantctt agatgctgtt ttnttgctag tttaacttga tttagngtgg tggnccccga 300
ccccatctt tatcattccc tctatacttg ctttggatgt attacgccat cttagtttta 360
ggaggtgna actttgatgg nnggcttgat ctgtctttta aatataagcn cttaaaattg 420
tacattacca caaagtatga gtttacctgc atttcacatt 460

<210> 191
<211> 460
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(460)
<223> n = A,T,C or G

<400> 191
tctaccgccg gacttnanag cacaccgccg cgggtccccg gcttctgacc cagcggtaag 60
ccccaaagga tccgagaacc ggaggagaaa agcaggtgag ccgcttctta ggcgatcctt 120
gtgcgcaacc ggataagaga tttttgaacc acgcacctcg caggccaatg gagcaggcgg 180
acggagtgcg gacaggcccc caatcaccaa gccacacca ctacacagc caagctcctg 240
gaaacgcaga tgctacgctc caagcgcgcc gccatcttgc gcagccaatc cgcgccgtga 300
ctggacagac tactctcgcg agacttttga cttagcctaa agaaagaagg aactatcgcg 360
atacttgagg acggcgagan atgatctcac acagtcnngg gtgggctctg actctggctg 420
tcgtgaggat gactttgnac tgancctcct gactccattg 460

<210> 192
<211> 454
<212> DNA
<213> Mus musculus

<400> 192

aagcagataa	ctttgagata	ctgaccccag	gtgggagccc	tgccccccac	cccggtgcagg	240
gagaggggtgg	gggtgggnagc	agggtcctct	tgtagcccca	ggcacacttc	tgggatcagt	300
agtagagcag	cactggtcta	ctggggtagg	tggtcagtg	ccgttgaagt	cctgtggaga	360
gggcttaagt	aaccggggga	aggagtaagg	gtgataccta	tggccatgtg	acctttgcca	420
gggcgatcat	gtgaccaacc	atcaaggttg	ggc			453

<210> 196
 <211> 451
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(451)
 <223> n = A,T,C or G

<400> 196						
ctagcagtgg	gctggnaatg	gaagtnccctc	angatggagc	aagctnnnag	tgggtgngag	60
agaanagact	tacnggtagg	cntcgggncn	gcgggactcc	tccggntcag	ctggngacga	120
tcccgtgcgg	ctccccgcgn	gnnccgatnn	tgcnccgaac	ntgtntnncg	nccnggnctt	180
cctccgcttg	gccnanagtc	aagcganaaa	caagaggggg	aggntgacaa	ccaaagggttc	240
ctacaggcta	tggaagttct	gttgtcaaca	ttggagaaca	cgaaagantc	ttcagactgt	300
acttaataatc	ctaagcattc	tcattgagct	ggtgtcatcg	ggtgagtttt	gattcccttt	360
gatttgggtg	gtatttgtaa	atagtgacca	gaagtgtgtc	ctgtgtacat	catttaaact	420
ttcttgatat	taaaatttgg	gaaatgaaat	g			451

<210> 197
 <211> 449
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(449)
 <223> n = A,T,C or G

<400> 197						
ccattttctga	gacctctttt	tctcctncac	acccatcacg	gggcatcact	gctgggtctgg	60
ttctccttcc	agttttggtc	actggaggtc	tgntctgcanc	cataccctcg	gaatattgcc	120
tgaggngctag	gactaanagt	ttcctctgga	accaaatacgt	tctgcattcn	gntctctgcc	180
tttatcctcc	cagagatgga	ganggangct	aacgtttatn	attntatca	ttttatctcc	240
accccttaac	ctcaagtccc	agcactgaaa	gtctcnaaag	gaaacagaga	cctaggccct	300
ccctcattct	gttaaacaac	ccancagctg	ggcacagcct	gagtccttgg	ctccactgng	360
gcgggagtc	tgtatcttgc	atcnnatntg	gtggngnttg	gntttttgna	ttntgtncct	420
ggatangaan	gctcaagttt	ggagttttg				449

<210> 198
 <211> 449
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(449)
 <223> n = A,T,C or G

<400> 198						
acagctcagt	ggctacacag	taggaatccc	tgtctnataa	aaaatgacnc	acgacacann	60
caagnacnnc	taaatactga	gatcatnagc	acaccaancc	tgacaatgca	aganagngan	120
gtccgttcng	cctgangatg	cgtggaagga	aactnacaga	gcnngtttgt	tctgcattat	180
gcgcttatgt	gggnngngng	tatcagtttg	agatatctgt	ggnttaagag	ctttggnatg	240
ctgggtccata	nganccatgt	ttnatctca	ccacnncat	atcagctcac	aaccttntgt	300
tgctcctatt	ccaggagatc	tgacacnttc	tttcggccgc	attcttttng	cctctgaagg	360

cacaaggctt taantgggtgc acaaatntac agatntgaac acgttatgcg taaaatgnta 420
 tttanangtt gatcttaaca gaaaaaaaaa 449

<210> 199
 <211> 449
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(449)
 <223> n = A,T,C or G

<400> 199
 aagtgtggtt ctctccccc tcaaggaaac ttccctttgc aacagatgga gagagacctt 60
 acagaaaacc acaaccaatc agaatgcaag gttgtggaac ccagtcccaa tgcattgtgtc 120
 tacaaaacac tctagcatct aagggtcaag gaacngttgc agaagagtgg gagacaagcc 180
 tgtaagagcc agaggaacac agagtttgc gtgagntggg gactcctagt gggtatanaa 240
 tntncacntn tanggttnga tgtctntcta acntgngctn acnagggacn gcanttangt 300
 tgttttnttt gangcngga tgacctnag tgctnagtcn ctanccatgg atcttcagnc 360
 agtactggac tgctnatnct gnnggntagn ggatttntca ggaaaaanac acatntcttg 420
 tntatacnat accatttgtc ctagacatg 449

<210> 200
 <211> 448
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(448)
 <223> n = A,T,C or G

<400> 200
 gactgaggat taagaagttt gtactctctg tgtggctgag aagttnttca cctantgnan 60
 nccggctagg gtacgggnaa gcaggtgcnc tcnaatcga gagcgcgnac tgcagcctac 120
 agtnccactt gcagactcat ngatgcaact gtngcggtaa cnaatgangn cattagcatc 180
 atataaccca gnctaactng angtaangta agagcctctt gatttagaaa atagangcgt 240
 gaggangaca ctattnaaga anggggtcca gatnatgang acnntgngag actctaanga 300
 tatccgcctc actcttatgg aanaagtatt gctcctgggg ctannanata aagagtgtct 360
 ntcttctata attctgntgg caatctgaat tgtccttnaa acnagaagtt acaagnggct 420
 angggaagaa atgaagaagt tatttttcc 448

<210> 201
 <211> 447
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(447)
 <223> n = A,T,C or G

<400> 201
 gactgagcta gtcgaancaa ccaatgagtc ctctgttat ctaaattcct tgaagcggtc 60
 taatcgggtt gctcgttaagg aaacactgtt actggaaagg tttggaagac anganangna 120
 cccaaatcat taacgaaaga ngcatatgga ccanatgtgg aactggcat cctccccttg 180
 nccaaaaaca aggggacaga anagaagctg aagtgcacgc ccaagtcttc ctctgtgttc 240
 tctttgtgtg tttttccttt ngactnatct gagcatgccc atggcatcgg ggttctgtct 300
 attncccatc aggtctactt ctaaaagcca gggacacact ctgnncgcca ttatctaaca 360
 ggcttacatg gcagtcagta ggtaagaata aaagacttcc tgtnttcctt angagtgnct 420
 ttaggtagct natcctgcca acgctgg 447

<210> 202
 <211> 446
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(446)
 <223> n = A,T,C or G

<400> 202
 actgaggtac tatcgggagc tgctggacta gcagtagcac tccgaatctg ttggagctcc 60
 caggcgttga gtgcatgtga ccaggtcaga tgggcccttt tgtttcagct gacctctagg 120
 cacgtgccta aggagactac atttcccagc ctgccttgca gagatttccc aggacctgnt 180
 ggctttgtct ggccaatggg agggatatga agaaggaaga ggaaggtctt gaaatagaaa 240
 agtcctgggt tgaggaagat aactcaaacg gaaagctaac ccatgctaac cgaaactttt 300
 tgnaaggatg ccttttgaag ccggccatgt ggctcctgcc ttgctgggca cctgcaaate 360
 tnaggctatc ctgggctaca cagngagact gtgttccaat ctcagttctg ttgctgctat 420
 taaaatactg actaaaagca aaaaaa 446

<210> 203
 <211> 441
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(441)
 <223> n = A,T,C or G

<400> 203
 agggcatagc ctgtgganga cgtctcagag cnnatgggca ggagagcacn attngtacat 60
 ccaggnatnn gcntnnnant tncatnngcn cntentgang annnnctacg ncngatnacc 120
 tncagactca tnatgtacag actgtgacat gagaactgaa cgtcannccc attagttggn 180
 ggnntnnatc acctngcttn tgcatagcaa gaaatatatg gtgaccatta ttgctcgcac 240
 gcctcagaag agaggcatan taaatgtgcc cgctcgggag gaaaggcaga gccacattct 300
 aaatcaagta ggcatcctata ttctcaaca agcctgaaga gatcctacgg gggttcactg 360
 tgactcaact gtgaaatgga cagcgaaatg aacgtcggcc cattattgtg gggtttaate 420
 agtacatttt gcaaagaaaa a 441

<210> 204
 <211> 440
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(440)
 <223> n = A,T,C or G

<400> 204
 acacaggtac tccagaggct ggtgaacctg agcggaggct gggacgcctt ggtgggcccc 60
 gggccctgna aggcanngc cggnggctgg tgncccaaaa tgangccagc tcccagcatg 120
 ccctgcaanc gnacaccagc cactcggnet gcaccaacng tgataacca ttcatcttc 180
 angcatccaa caaggagcct gggantggga ccatgcanag gagccctcc actgntcatg 240
 ctcagggtccc aatcctacag acacagatgg tgtcggacgg catgacaggc agcaattcct 300
 gagtctcntg cctcatctag ttctccanaa tctagnggg caggnggnnt ntcccnncan 360
 nntatangnt cangattccc tnactggang gaccttcagg cccacnaaga ngggcnccca 420
 cagctttctc tggagggggt 440

<210> 205
 <211> 440
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(440)

<223> n = A,T,C or G

<400> 205

ggtatagaat	gctcngcca	tcccaaanga	cagagctgct	cgcagatgcc	cagacttgat	60
ctgaccctta	ctgaaccaca	ncaactggat	gtggngtag	cttcnaagct	ccgggtccac	120
acngnncctt	ganngggtng	tggntacaan	naggaaaagg	cgtcngana	taagnaccg	180
tgctcctgtc	tgctaagagc	aggacaccag	ggtggcatga	ttccagnnct	gggctccatc	240
cagtgaactta	aaagaacaac	tggtagatcc	aagaggggaa	ttttctcatc	tccaggactg	300
ggaaggatga	agacaatgca	tttgttattt	tctgccctca	gggaggacat	gtnttcacga	360
gtgtgggaag	gaaactcaaa	tgcatgtgtga	attgtgaatt	aatcaataac	atccttctgg	420
ngtttcacac	caaaaaaaaa					440

<210> 206

<211> 439

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(439)

<223> n = A,T,C or G

<400> 206

gcatggttgg	tcccatngca	acactgaang	acactgnngn	gctnacantg	ntgccaccag	60
ggccttttagc	tttgaanctc	tcagcctcca	naggtgccta	tatcanncag	atnggctctg	120
aacagtagat	gcagattgan	gcgtggncn	naactcctgn	ngacatctcc	caagacttgg	180
ccttatatgt	gtgtgccacc	atgcntggaa	ttcctaccat	gtaaagttta	aaactcacca	240
ccagagcctt	ctcagactcc	acaatatccc	actcccgatt	ccgctggttg	atgtagctat	300
aagaatcctg	tgngngggaa	atgaaaacnc	nntgagaagn	ttattctgtn	tgacggggaa	360
gactgncaac	ttgnctagat	ctgaatnnc	tagaagacaa	gcnttctagg	tatgcttgat	420
gaatgggata	ttctggact					439

<210> 207

<211> 436

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(436)

<223> n = A,T,C or G

<400> 207

gactgagggg	cggagcttca	ccatgggctg	ngcaggggat	gcgggctgna	cncctcgtcc	60
gcctatacgg	cctcggcccc	cgtnccagcg	tcgtgtgatg	atcgtgctct	tcctcnnnct	120
gctactncac	ctcctggcgn	tcacgctgnt	gctgcctctg	ctgcctggnc	tgctggagag	180
acacaggccg	ctgaacaaga	ccnctcttat	ggctnctggc	ngcggggggg	ngactgggtg	240
gctgcagcca	tnnggatgcc	agcggaaaan	aggtacaaca	gngncctggt	nggaggnctt	300
atcnctcgg	ccttctccct	cctgcagttc	ttctccgcac	cactcacagg	agctgcctct	360
gattacctgg	ggaggcgccc	agngatgatg	ntgtccctga	cagggcncga	cnatcttcta	420
tgcaaggggg	gctacc					436

<210> 208

<211> 431

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(431)
 <223> n = A,T,C or G

<400> 208
 gactgagggga ccagtagnct acaaccctg aacatgccct gntgggtgaag atcatgcttg 60
 ccccatggac ttcaacaccc tcacacagca ggaagtagtt taatgataat gtcctctttc 120
 ctgactcctg attagttatc aatactaaac ataaaaggga agaaagcagg gaaaagggcc 180
 aaaggagggga cagcctgccca ctggcnttga gcctggctct tgagaccagg caatcccctt 240
 ccataggatt cagcattaac agcagaacga tgctcaggac agctctggac ttttccacct 300
 ttccatgcnt cacctgtgca tggtcctaaa acctataaga gcctttcctt cagcgagccc 360
 tctgctgtag ctgttctcac tgagacagcc gccattctgt gtctctctcc aataaatctc 420
 atgtgaagtt t 431

<210> 209
 <211> 430
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(430)
 <223> n = A,T,C or G

<400> 209
 agggcaggac tgaatgttca ggatggacaa gaccagtngc tactccttat ggagcctgtc 60
 acntcacacc ntngaggaag anaccaggag ggctatthttg ggcagtnnta agatgctcct 120
 nggactgagt aagtctctct tntagacaag acatggggga aaaaatagct tctngggggg 180
 atgcaagagt gaaagctctc anatttggag atcactggag aacattcaan ncatctcnac 240
 agntggcatc ctgtggnnag tgcttgccca aacgcttaag gaanagcttg ggtttcatcc 300
 ccggccctag agaagacagt gnnnganacg aaganggctt tgagtancct acantgtgta 360
 aaacanagaa ggcntttnta cangctaaac aaaccatgaa accncgaanc ctcacaccct 420
 cgttactatc 430

<210> 210
 <211> 425
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(425)
 <223> n = A,T,C or G

<400> 210
 actgagtgtt cctcttcaag ancctccacn tgctttccnt gtgtgcttga gcaagattct 60
 ccccgggcaa acccccggtt cggaanaccn nccccgagcn tgntggggtn tgcnactcga 120
 tcccgcctngg gctttgtacg cnnccgtcag gggtnantct gttnttggn nncactnttt 180
 nncntntgga acnncntgca ggnnnncant ggcagcctcc gttgttaagc gtaccnnttc 240
 ctaagggtgcy taaggcctcg gggttgatcc ccgacaccac atcctctagg tgtggnggtg 300
 taaccctgta attccaggac tcaagaggtg aaagcggaaa gattcaaant tcaaggtcat 360
 atttggttgc acagcaagtt caaggccagc ttgaaatatt tgaggccatg tcaaaaatga 420
 aaaaa 425

<210> 211
 <211> 425
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(425)
 <223> n = A,T,C or G

catcaccagg	attaaatcgc	ctccccctgg	aggcgctaaa	agccatgctt	agtaagaggg	180
atgtgtttct	acagcagaca	gcaggagggg	acaagagtga	gaggaaagag	aaaaatcttg	240
ggcaggttaag	atggctcaac	aagtaaaggg	gcttgccagc	aagcctgacg	acatgagttc	300
gattcccata	gtagacagaa	tctattttctg	tgagctgtcc	tctgatcccc	ctcatgaatg	360
ctgtggcatg	tgcacacaca	tacagatata	cacaataaaa	ccaaataaat	gtaaaaaaaa	420
aaa						423

<210> 215
 <211> 420
 <212> DNA
 <213> Mus musculus

<400> 215						
gactgagaag	ggttttctcg	tgtagccctg	gctgtcccag	aactcaatct	gtacaacaga	60
ccggccttca	actcaagaga	tccaagtgcc	tctgcctcca	gtgcgcatgc	acatacaggg	120
atgtgtatat	ggaggtcgaa	ggacaacttc	agggcttcat	cagccttcta	ccctcagctc	180
tgcctctgac	tggctagtgc	taaagctaag	ctcacccgtcc	atttcttgtg	cctgtgatgg	240
cagcttgctc	tccacgccct	gttcactcac	tagggactgc	agggtgaagg	cagcatcctg	300
cacatctgga	cgcgtgatcg	gtctgcattg	agcttcatcc	cctacccagt	ttatcaggag	360
ctttcccccc	caccagcccc	gcctgtttta	taaaattctt	tcttgccca	aaaaaaaaaa	420

<210> 216
 <211> 419
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(419)
 <223> n = A,T,C or G

<400> 216						
catggccggt	tccgggtgga	cncnctgcac	ggccggcggc	gctctgggcn	tgtnaccnac	60
ncngcnggcc	tgaangcctt	gcangnggtc	attcgcnegc	gaacngtntg	ttcncacatn	120
ctctgaaata	catgccatgc	tttgtgccct	gcgtgcntgc	cagcctggca	ttcagggcnt	180
ccttgccacac	attgntncat	tgactccanc	cactngcnnn	ctgttnccca	agtgggtaat	240
ntgaanagaa	ttacttacac	tgctttaatc	gtgtatccaa	nacctaagg	ttctgagtan	300
catcctaacc	ttgnttaaat	catcttctaa	ctggactaca	tactgattgt	tcacaccaga	360
gagaaaagctt	ttaacaacaa	caacaataaa	atgtgtacag	tggcttgtaa	aaaaaaaaaa	419

<210> 217
 <211> 419
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(419)
 <223> n = A,T,C or G

<400> 217						
agactgagtg	atggtggcaa	ngtgctatga	anagcgggtca	ggactangaa	caagcccatn	60
cctgtccttg	gctgcaggct	gagagcgcaa	actgcggctg	agttctgaga	ccctgtgatc	120
cctctaccgc	caatcctgaa	gtaccagaag	ccntgncata	ccacgaagct	ggancgcctn	180
atccgatgac	tgcttcaacc	cccagcctgc	ttncctgctac	ctgttggtgct	ncanagttn	240
tggtctgaat	gactnantt	cctaactggc	ccttatttgc	atacgtgcag	gtgaagatga	300
caggncctgn	ccangggaca	gttgnaagg	cctaacaggc	tcctctgggag	aaatcctgta	360
ncctgtgcgg	nccgtggtag	gggacacttc	ataagcgttg	natctttctg	tgcttgatc	419

<210> 218
 <211> 415
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(415)
 <223> n = A,T,C or G

<400> 218
 gctttctgca ctaccaccct aaancaaact cacctntaca tgnctntngga ntgactgann 60
 tgcntactnt nactcattat gtccnagaca tacacnagnac ttgcagncat gtcgatgatng 120
 ccanangacg ccacctgatn aatgaggaac tanaatnaca tanatcatcc agncgganga 180
 cgcgagcctt caaganttggt acccaaaggt caaagacctt nacgggtgtt ttcattgttcg 240
 tcccacgacc gtagcggcag angggaaacc agcaggcctt cttcaggggg agaggncaga 300
 tcgngaggac aacttgaccn tgnngcaactt taaactggcc agncggggcnn gatctttaan 360
 tttagcgtca tggctgnatt ctacagtgtcc tgctnttctt gagcctgtcc tgagt 415

<210> 219
 <211> 414
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(414)
 <223> n = A,T,C or G

<400> 219
 aggtcggaca gtaagcacng ctgggtccan aacgcantan ngaaaatctn acgaggcgng 60
 cagnctnctc cagcctgctt gnggatnata tcnancagnt ntaagagnnn nntcagacgt 120
 cccaacactg gctactctnc caggactnnc tgncccancc agcgggtccat atctctacgg 180
 ggatcncnng cnnatnatgt atgntctgna tgnacttcca gcgcttttctn cacaacgaga 240
 gtcaccacgc ctaagtctgc ggccagcggt gtgaacaggg tgaaagacgg aggtgcctaa 300
 natgccaggg ccagcagca ncttccctcc gaccctgctg gcaatgtacc caccgggaa 360
 tctgngtgac natgtagccg taaaaaaaga gccgagaatc cacccttgag tttt 414

<210> 220
 <211> 412
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(412)
 <223> n = A,T,C or G

<400> 220
 ctttgtgtgg tgaggaagcc gntgcctact nccgntacga naaccngtgg tgcccatgat 60
 cgntgnann atgcaggcnn tgacagttna ggctgcatcn tcccttgaaa tcangatcag 120
 gaagaagact gnccngatt ganttgatct gntcctggat tnttcacatt anctccgang 180
 ncatcatgag ccaggactgn tngacnact gganagaagc atgattccgt gtgcctgng 240
 ncagtnnagt gtccagcatc ctgacccatg aatcaaagac tactgtctnn tttgccttga 300
 ctccacanagt ctgaacctga ctttcagcta acctcacaca gaacaggaga ttatacctaa 360
 aggaatgaaa agaaagctga ttcctggaag catggntgaa gtacccatgg gc 412

<210> 221
 <211> 411
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(411)
 <223> n = A,T,C or G

<400> 221

tcaccaagcc	ttccaagcac	attctagtag	aagtgcagat	tncatgttca	agacccttag	60
tgcttacagg	gtgtacctca	gtgcttanaa	cttgtgctta	gtatgtacaa	ggtccttagtg	120
gaatacctag	caccttcccc	acaaagagct	tctattaggg	caggagagag	atactgagcc	180
aatagtgtc	taaagagaca	catgcttaca	agttattgtc	ggggtcagcg	aaagcatata	240
gaacacgggg	aatctcattt	aattaaaaga	caacgaaagg	cctccttcgg	gaagtaatat	300
ttaactggac	tctggcaa	gagttggagg	cgaagaaaag	ggaggagaag	catttcggaa	360
atggaacata	gaaaagagag	agaaaggtac	agggctggac	ttccaaaagc	t	411

<210> 222
 <211> 409
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(409)
 <223> n = A,T,C or G

<400> 222						
catcaaccag	aaagccangg	agaangatac	angattacag	gtaagcctcc	caggtgcgtg	60
aaacaatgtg	tggagtgtgg	caggagaaaag	gacaccaggc	cggccaacca	gagatggcac	120
cagcaagacg	ctccctgcac	atcagtcaag	aggctgttta	actgggcacc	acaacacctg	180
catgaaagag	agaagaaaat	gaagcctggg	caacaggaaa	gatagctcag	cgctgggtta	240
agagcacctg	ctaactcttc	agnagacctg	agttcaattc	ccagcaacct	catgggtgctc	300
acaaccatcc	ctaattgagtt	ctgatgcctt	cttctggcag	gcagttgtac	atgcagatag	360
agcactcata	tacataaaa	aaaccaataa	atcaaaaagag	gaagaggaa		409

<210> 223
 <211> 409
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(409)
 <223> n = A,T,C or G

<400> 223						
gactgagggt	ttctctgtgt	acactgneta	tcttggaa	cattctgtag	accatactgg	60
ncttgaattc	acagatatct	tggtgnnagc	tnttaagaca	ncantattgn	cctgatctct	120
gaattngncc	tccccaccc	caggaatgan	aagagggtna	aaagcggacc	accancncac	180
ctgcctngna	naacaaccac	angttgttcc	ngccctaant	cagagccaga	tgtnctganc	240
acaccctgat	accgncaagt	ncctgcttnc	ccatggaa	gnttaaagaa	tgtgctnttn	300
tattggcgga	cccctgccgc	tgataagtac	ctgtacttcc	ccttttgctt	gtgcatttaa	360
accttggggc	ctggctaata	cagtgggaacc	ttgatgttaa	aaaaaaaa		409

<210> 224
 <211> 408
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(408)
 <223> n = A,T,C or G

<400> 224						
cctttctact	gggaccagag	attatgcggn	ggnaatcntn	naccctnccn	cttccttctt	60
annatgaaga	cacggcaant	aaaatcnngn	gcctngatcc	gagagaaaaa	ngaccnaatn	120
aaggaatata	tacgggcgtg	gatctgaacc	ctganacaag	gagngccatt	tgntactgga	180
ttgggtgttg	atgnacnact	aaatgacttc	cattgncttt	aggangacan	aganggtnaa	240
agntggcacc	ttcaaatgat	ccccaaacta	gaacatttcc	acaagtgcc	ctttcttctc	300
acaaacaaga	gtgaattttt	gctgcttcta	gcctgtagcc	tggaagnagg	tgatttaggg	360

agatgggggat cattcttgaa agatttctct gntaagccaa taaacagt

408

<210> 225
<211> 407
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(407)
<223> n = A,T,C or G

<400> 225
ctgagggttt actttgngtg ggatctgccg tgtgacttgc ntntacggcc agttggaagt 60
atacgggtcat atcatcannc aagggcagcc tccccaaagt gtcttttctg tctacaccca 120
ctcttacctg accatcaatg gggttcctgt acgcagaacc cgagaaaagt gagaaggctg 180
atcaggagggg agatcctggg ccctgctcaa gccttacacg aaactagatg acagaaanng 240
ggtaggtgcgg nacttccctc ctctgggctc cattatgatt cttggaacgg atgcagtctc 300
gttttgngga ctctctgaag acctataagt gtcctcataa cgtgctcctg caggagaacg 360
ctctgttctg ggtcaattct gagtttacaa ntttgaagaa aattggc 407

<210> 226
<211> 405
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(405)
<223> n = A,T,C or G

<400> 226
atcccaccaa ccacatggag gtcataacc acccggaatg anattctgacg ccctcttntg 60
gtctanagag aagccacttg ngtccttccg aggcagccca tccanagaaa tcaaggagat 120
ggcatacana cttcaaactt acnagggagg gtaaagggtg ggcagtttcc taggatggcn 180
ctgctctnng gtgacgccag gntanangct tctttcaagn atgnntngnt gntctgtgnt 240
ccattgggna ancactnana cggcttctag aatgttctga tctganagc acagatttcc 300
nggangtaga gtncacactt ttatggacct gggctcccca gaacaaaaga cgctnttgca 360
aaaattgtga ttcatgtgag aagcaanatt ttcagtgttg taata 405

<210> 227
<211> 405
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(405)
<223> n = A,T,C or G

<400> 227
tcacccctct ttctaccag agtnactgct gtggccggcg ccattttatg cgntttgtca 60
naaccgntc gcgctncaag gaggaggacc tgcaggttat ccatgcagnc ttgtgnngag 120
atngtgaanc ttgttcatng naaangnggg ngggggaggc cacagatcag cgagatccgc 180
tcantnttgt agcagtacag gtaagggtgnt ggaatgagac atnattaann aangatggct 240
ttgngcacat agaggacatn anggccgctg aggatgcctc acgcaacctg cancantaca 300
agcatgctcg gagngaacat nacngcgaa gccagcagc aatntnagcn angcttcaac 360
cangnnacac gggggcaaac ttcaggcccc acttgtacca accaa 405

<210> 228
<211> 404
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(404)
 <223> n = A,T,C or G

<400> 228
 gactgaggtc tgggataaga ggctgcttcc cagcaggngg ttatgattng cctcatgcac 60
 tancaggggg tgattttgnc agctgcagat aattgaattg tggggcctnt ggagagggat 120
 naaangggag agcttcaaga ggtccatgtg gcatgcgtgc atcctgctcc tgctgttgct 180
 tectcttgct gnggtttgnc accgtgggna tgagtaaagc nactacatga aattggagac 240
 ngcctgaact aaaatngcac ttgccnaaan gnacctgann cccctnnatc aacaggaagt 300
 antctaaagt gttcanacac acccttaagc acggantgtg tntgggtggct gcggacnctg 360
 ggggctgttg ggnaggggtt ngggnctagc gctgggttgg cccg 404

<210> 229
 <211> 404
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(404)
 <223> n = A,T,C or G

<400> 229
 atgccaacg aggacatcga cgtgagcanc ctggagcggc tggagangta cgggagcttc 60
 gagcgggtanc gccgcggggc ggagcatgag gcgcgcgccc cgcacntggt ggcagganct 120
 ancggganca tttcgtgaag gananagntg cgggtancnan gtattntccn ccagtttggt 180
 ccccntggnc cccccgnaac gagaaggacc tgcattgccc tcacacttnt ngttctgaat 240
 ttaagcaaac gtccaagtga tatacncata gcttaatctg tctgtaaaac tgaaactcag 300
 ccggatggtg gaggcccacg cacttaatcg cagcgtttag gaggcagagg aaaacggagc 360
 tcttgactta ggggctagcc taatctacac cgtgagtttt aaga 404

<210> 230
 <211> 404
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(404)
 <223> n = A,T,C or G

<400> 230
 actgagtctt gcctccagca tctccatcct ccantcccna tgccagtagt gatctgaaac 60
 gcacatatga tcttgccact cccctgctta aaacccacca acatgcaatg gttctgtaac 120
 cccaggntag cctntgacaa ggnctgaaag cacaagcca ggcttttgat ctcagggnaga 180
 aggatccttt nccttctcgc ttgggttcca cctgcaccct tngacttccg nnggaaactg 240
 ctgnccgata cgctaccttg cccacaccct ggacatctct gctctntctg gcccttttct 300
 cagccctccc cacagnctgg gccctggccg ttctgtgag ccgtcttttc agctttncct 360
 gggccttagc tcttctcact gtacttttta ttttttattt ttaa 404

<210> 231
 <211> 404
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(404)
 <223> n = A,T,C or G

<400> 231

aacccttttc tccccaagtt gcttatatta aaaacaaaaa a

401

<210> 235
<211> 398
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(398)
<223> n = A,T,C or G

<400> 235
gactgaggac ctaccagga gagacccttc ccaatgccac cttntgcctn atccctgggc 60
accgatctgc cacctcctgc tttctccaag cccttcaggg gggctgatgg tggccngngg 120
tggtggacga atgtgagcaa gcncctgngct nccccaatga cngcncctgcc cncaggccg 180
gttggatncc nggtctcttc anccnccgct gnnagctgcc tttctctgaa ggcattccgnc 240
tggaccaagg cagnnatga ttgncctgat agagattccc actgcacnan cctggctgcc 300
ctgcgtgaaa tgntaccttt aagggtcctc nnnctgcgcc ngcagannca gnttctgtgg 360
accgnttact tcctntgggg ggaaaaagat atccatac 398

<210> 236
<211> 397
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(397)
<223> n = A,T,C or G

<400> 236
cttatagtca aggagnttan ctcaccacc tgccagagcg ancncgttgc ngctctggtn 60
attacagctn antgttaagg cccttgnggg ccacanaaac cctccagcat tctgaggacc 120
agcgagcgac aggctcagtt cagggaaaca cgggtctcaca cggagcccag atgacgggca 180
cgaaattgag tgtcttttgc cgactccaga agtgggggtct gaaaagagga cgaggggcat 240
agcatacaga agggggccctt gtcttccagg gcatcaagac agtgtgtgat ccttccacaa 300
cctagctcct tacgacagca ggcccagcaa cacagaagac agttaccgcc gccgccattt 360
aactaataac ccttctttca aaaggaaaga aaaaaaa 397

<210> 237
<211> 396
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(396)
<223> n = A,T,C or G

<400> 237
agctctacac atccctgtag gggccngntt agtncaganc caagggtnaa gagctattgt 60
ctttctanaa agccatagaa gaaactcaga gaaancgtgt gtggctcaga agacanctgt 120
gatgcattnn aatgagagcn gggncagaaa aaggcagggtg aaggctccnt gatctgtcan 180
acgggaggttt gaagaacaac cctgtcattg cagtgggtcat gngtctccat cctctgcttg 240
ntnctctttc ttcttttctt tctttcttcc ttccttccct ctttctttct tttctttttt 300
ctttctttct ttttttccct agactggctn tgaactctcg gagctttgcc tgctcttgcc 360
tcccaagtggt tggccttaaa ggtgtgtgcc acaact 396

<210> 238
<211> 395
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(395)
 <223> n = A,T,C or G

 <400> 238
 tttcctggct gaccctgana ataancanct ctgtccgctt ggtgnctgaa gttggtnгаа 60
 gatgattacg aggagannta acaccaaagc cctgagcaat gctttgcaga cgtctannng 120
 ctcaggangt gtgatntagc ccagggtctat ttgtngacat caagcttttg aaagcatcan 180
 cctttgagag ngggacatta ttgnagncta tggagtcacn tttacctgga gatatnagaa 240
 ggggtcatgaa ccttttcgnc ggctgtcatn gggatctgna ttantcattn accatcanca 300
 gcagcaanga gacangattt ngtngtggga aaggggacctt ccaantgctt ccngggggac 360
 anaaggggca ncaagctctt gccccaggg atcat 395

<210> 239
 <211> 393
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(393)
 <223> n = A,T,C or G

 <400> 239
 gactgaggct ttcattcccag gtactccggc agcagtagag gatcaacagc ataaggccag 60
 gctgtgctgc ccaggggagag tctgtcctaa gaaagactga aatccccaca atcctctgca 120
 gtactcctgt ttgccccaaг caactttcca cgcattggggc tggcaagctt gggcgtgtga 180
 gatgactttt tgggtaaaag gtacttgcaa tcaagccaga tgacctgagt ttgaactccc 240
 acagatngtg tcttccgacc tctacagnaa caggcnctga gctactggcc ctttaagagt 300
 gcacttnttn cccnccgtgc tgnntggntg ggcnggtcga tgctgacact atgcttgacg 360
 tcaatagcng ttggtggagt ttggtcacga gga 393

<210> 240
 <211> 391
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(391)
 <223> n = A,T,C or G

 <400> 240
 gactgaggct ggactcttct atgaaaagta acgtcaatat acaagtgaag tctgtttcgt 60
 gtattccaaa tggcntctgt ggtgagcnga gaaaaggctc cantacaaan acngcncaaa 120
 ggccttccng gntccgctga gcattttgaa gcatgagcca gagaaacagc ccttnggact 180
 ttgatttggt cttttcgna cncacagggt gagagtgggc ggntgacatt tcgtagatat 240
 ttttgnatcg ttttacagtt ctccgcttta aatgagggat aaatctgaag aagttgcatg 300
 caacccaaat tgtgggggtt gaaatatctt catggagctg gctgaataaa gggggcaagc 360
 aagtgttggt tcttaccgtc aaaaaaaaaa a 391

<210> 241
 <211> 391
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(391)
 <223> n = A,T,C or G

<400> 241

ttaaaaaaga	tactcagtat	tgtctctcag	atactgtggg	ggacatgttc	tttcatagac	60
tactgctttg	tcaaaganag	ttactngtca	agtcagtgtt	gatggcctca	atggctaagg	120
cacccaatgc	caagcctgat	gatttgagtt	tgattctcag	catccacatt	gnagaagaga	180
aacaatttcc	acaagttgnc	ctctgacctc	cataagcatg	aaggcagata	taacccttcc	240
tctataaaga	agtgaactta	aagagagagc	tgttacttat	atthttgtaag	acaggaaatt	300
cttttggtct	tttctacatt	tattttacct	caacaagctg	tgaagncttt	tttttttaat	360
tcatacaataa	anctgtggaa	aacaaaaata	a			391

<210> 242
 <211> 388
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(388)
 <223> n = A,T,C or G

<400> 242						
tttggaagcc	cagccttccn	tccatgttgg	tcagangagc	ttccgatgga	ttacnttctg	60
tacanttgna	catctanctg	cacttcccag	tgttactgta	ggagcagttt	gtaaatcaaa	120
accagatgaa	ggtttgatna	nttnattttt	taaattatcc	aacttttttc	tcccccaagt	180
aaaagtatta	ttcangaata	agaanaattg	gtacatgtgt	ggcatgaaat	gaagctctga	240
tctgcttatt	agttatgtct	ttttactata	tatntgtgcc	ttacctcagt	ctntctagtt	300
acaanagatt	tgggaagaat	taaatgattg	gnatgcctta	gngtgnaaa	acactaccct	360
gtatcaatag	ctgttctcca	ttcaacag				388

<210> 243
 <211> 386
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(386)
 <223> n = A,T,C or G

<400> 243						
gactgagctc	gccatgtgaa	gtataattgg	caagcctcca	tggtctctcac	tgnagtactg	60
tgaagtcagc	atcacctagg	gagccgaggg	gagcacagct	ggccactgga	gctgccctgg	120
cgctcttgcc	ccgggagcag	ctgattatnt	naaaaaanttt	cttggtccatn	cnncactttn	180
gtannngngg	nanctnctgn	ttccngnccct	ctttgattaa	attntnatna	tgaatgnatc	240
ntntnagann	tgaaccctng	angacngggg	ccgaaggngg	agtgnacagag	gcggaaaatg	300
aagtngaatt	antgnanata	cggccacat	cctanactcc	tatcaattcc	anaggaaagg	360
aacaaggaag	ccacatcata	taaact				386

<210> 244
 <211> 385
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(385)
 <223> n = A,T,C or G

<400> 244						
gacttgagat	aggaggcttt	gcnttggccg	tcctctgagg	ccctaccagc	acctgactga	60
gnnagttgca	attacacntc	acccacttgg	acctgaaacn	tggggaccaa	tctgctggact	120
taagggangg	acntgaaaga	cctgaagcag	gaggtaagca	cantaggang	accagcctgt	180
gtcaaccta	cccggacacc	cttgagggtc	ccagagannt	gagtcacaa	ccagacagca	240
tacacagcat	ggtgtgatag	taaaatntat	agaatatgta	tatatcttnt	gaagcgaaat	300
agaatttgta	tattataatt	taactgaacc	agaaattaat	aaaattaaat	ttcttccccg	360

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```
<210> 245
<211> 380
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(380)
<223> n = A,T,C or G
```

<400>	245						
gactgaggat	gacagcgatg	ggatccccgag	gctcaggaag	agagagttgt	acnanaagtn		60
cngaantntg	nnnctaaagg	aatncaagaa	tgccctggat	anngnnntat	nnnganngcc		120
ttgcctgana	gccngnatcg	cgggcccgag	ggcttnattg	gtantagccc	aggctaaggn		180
anctatgacc	agcctcagag	nagtnatcag	aacngccacn	angaaagang	acgangtttg		240
natagttcct	tccatcccat	tctttccctc	ttcattttta	agaaaggact	ctgggggtttt		300
tactctgtta	cctgtttcaat	gacagagcct	tctaaggaca	ttccaagaca	gtaaagatcc		360
taaactcgga	aaaaaaaaaa						380

```
<210> 246
<211> 377
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(377)
<223> n = A,T,C or G
```

<400>	246						
aaccatatta	atctactcan	catctncttc	accacagcct	cccttcccca	acatcacatt		60
anccttttagg	ngtnancgac	tgaaaaaanc	cctancatgn	cnntnaannt	catctcnatt		120
atcantagaa	tgccccncaa	ntcatccctn	ctgaaaaacc	ttctggntct	nccctnatta		180
aggatagacc	attactatgt	tctatnccta	tagaaacntg	caaaaccttn	cggggggggac		240
ncatctncta	taggagagtc	ccaggcaaan	aaacccttat	ctcacatncc	attcttcctt		300
catataatta	cctnnnaaaa	tctcttgga	ccnannacca	ttttnatcat	ttccacaccc		360
cccctaaaat	aaaaaac						377

```
<210> 247
<211> 376
<212> DNA
<213> Mus musculus
```

```
<220>  
<221> misc_feature  
<222> (1)...(376)  
<223> n = A,T,C or G
```

<400>	247						
gactgagccg	gcgatcggat	gcanatat	tgaaaccccc	aagcgtggga	ccctgntttg		60
ggatcagcac	cttgagctcc	tgccatggaa	ccctaanact	cggaccttga	acctcaatat		120
ctggggctgg	aatccctgac	atnctgtct	gggaccccaa	gatttggaag	ccgaacccca		180
ttatttttgg	gcatggatcc	caatatattg	acctgggacc	ccaagatttg	gcgtccaagc		240
ccccaaaatt	ggagctgaac	tctgaattgt	ctgactgata	cgttgacatc	tgaggagcgaa		300
tccccaatat	tatacttggg	accccactat	tctgggaaat	aaaccttggg	atgcaggcct		360
tcaattccaa	aaaaaa						376

```
<210> 248
<211> 375
<212> DNA
<213> Mus musculus
```

<220>
 <221> misc_feature
 <222> (1)...(375)
 <223> n = A,T,C or G

 <400> 248
 gacttgagtg agtatccagt tgcagtaccn tgaaggccag tggcaccctt aggtngatgg 60
 tgacagagtg gntgtgcatc cctcatgtgg aagaaagttn ttgttctnta cagctcccaa 120
 gtcctccaac ccttacccca cggaacacctg ttctttcagg aaacccacac acagtaggcc 180
 agcancagga gtctccatga ctactccaac ctaaccacc tcatcttctc acatgaaaac 240
 gaaaggcagg gctgagagcc ctgatctgcg gaggtttgtg ttcaggctcg tccggatgga 300
 atattaacca caccactag cacaatatac cagctttaaa gtgttttccg aaagaattca 360
 cgtaaaagaa aaaaa 375

<210> 249
 <211> 374
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(374)
 <223> n = A,T,C or G

 <400> 249
 gatggcagtg acctaaaatc ctcaggcaag cccgggggtca tggcccagaa gcacccggga 60
 gatngaaggt tgtgtgnagc ccaccgcagt ggtgggtacct ccctcagtac atcaggatcc 120
 tctgtggacc ccgaaatact ttcattctca ggactcaggg actcagcaga gactgtctct 180
 aatggtacac gatgcctcaa agagcactcc ggccttaagt acacacagcc tccaaatcca 240
 gccacttggg canatccaag ccatggtcct ccaaggggtc cangaccacc tanaggagga 300
 ggctaccctg annaaagcaa gacagnttca gaaagaatca ggagtggacc angaactntt 360
 taagaaaaaa taaa 374

<210> 250
 <211> 372
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(372)
 <223> n = A,T,C or G

 <400> 250
 cacacttcct gctacagaac tgtaagccct gcccacaaac aagcaancaa gcaagcaagc 60
 aagcaagcaa gcnnacaaac aaaccttctt tctataagnn acctgggtctt gaggtttcat 120
 cacagaaatg gaaaaaataa tatccaacgt gcnacaaat cctttgggtta ttatcataga 180
 aaaatcctta tttataggcc atcaagataa cattgttctg cangtaagga cacctactgc 240
 caaatcccaa nacttgagtt caagccccc gacataagca ctcttacagg ttgacctctg 300
 acctccatat ccatgcacac atgtgaacaa acacnaaaca cataaattaa agtagatttt 360
 taaaaaaaaa aa 372

<210> 251
 <211> 371
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(371)
 <223> n = A,T,C or G

<400> 251

[illegible]

$\langle 223 \rangle$ n = A, T, C or G

ataaaaaagct	tgatgctggc	ctgaaanana	cattcggtt	ctacacgagc	tcgaatgntg	60
nnctgtctgt	cacttgctga	ctcctgcccc	tctgcaccca	gagacccagt	tccacacana	120
cangggaccc	agaggggtctg	cagcaccctct	cctggctgggt	tttcccctac	taatacttgt	180
aatnatctgg	ngttnaacat	gtntcttttat	ttcttatcta	ggatgntaac	tccncaaaga	240
catctttggc	tattnttcgn	atgtgtattt	atttctgtat	tttcaacatc	acagcaatgc	300
ccancacatg	gnacattctn	aacnaacata	ttttgaatga	ataaatgaat	ggaaatactc	360
ac						362

<213> Mus musculus

<223> n = A, T, C or G

gaactgagat	tctcatattc	tggttttctg	tggaggtcct	tgatccacct	ggacttgagc	60
tcaagcangt	gaaagatntg	tatnacaaga	ncttcacntc	tctgaanaaa	gaaattgaag	120
annacctnan	aagatggaaa	gatntcccat	gctcatggat	cggcaggatt	ancatagtaa	180
aaatagccat	cttacctaan	gcaatcgtac	agattcngtg	caatcccat	caaaattcta	240
actcacttct	tcacagatat	agaaaagagca	atttctcatat	ttatctggan	caacancaac	300
tgcaaanact	caggatatca	aaaaatcntt	ctcaacaata	aaaganctgg	gtgaatcacc	360
at						362

<213> Mus musculus

<223> n = A, T, C or G

gacttgaggc	gtctgtcctt	cggcngtttg	aaccccctan	nttccaccnt	gacctgggct	60
tactgaagag	gacgntngac	cagctggang	aggactgact	ccagcntcct	cctcggcctc	120
cctcctcccn	tccttcggtc	gctcaaccctc	ttttgttcag	tacagtgtaa	cattgaagct	180
aatttgta	acctggatat	ctgactggag	ccgcagggtac	agatctgtat	tgttcttact	240
gaaacacagc	atggaattaa	cattaaactt	aaataaaaaa	aacctaaatt	aaaaatgcc	300
aatatatcat	gcctccatcc	tttatacttc	taaaataaaa	tctctagtcc	agaaaaaaaa	360
aa						362

<213> Mus musculus

<223> n = A, T, C or G

<221> misc_feature
 <222> (1)...(355)
 <223> n = A,T,C or G

<400> 265
 tgaacagacg taggcntaga cgaggagggg aggccgacag agagtngcca gaggactttct 60
 gtgctagaag caganaggca gtcncagcnc cacttgacgc ttanaggaaa tggcttttag 120
 aaagtcaaag agcagatcca gatcgactca caggcatccg accccagagg actctcaggc 180
 ttgtgaatca caggacctgg aaagaggaca caggaaagga agcaggacct ttcctgttgt 240
 ctctgccatg gaagagctga cagcacgcta cgaatggtca ggaaccttct ccatccctag 300
 tcctctaacc caaagctggg cgaagttttt aaaatgcttt ctaaaaactg tctga 355

<210> 266
 <211> 355
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(355)
 <223> n = A,T,C or G

<400> 266
 gactgagacc ttagagcaag tctctaattgc ttgaagacaa ggcaagagaa ttcgtaagtc 60
 tttcaatata aagttcaaga agaaacaagc ctaacctatg gtaaagaaga tgcaaatata 120
 gcttgcttat atggtgaatt gtgttgatgg attttcatat atggaacctat ccctgcatcc 180
 ctgggatgaa gcctacttga tcatggtgaa agatggtttt gatgtgttct tggattcggg 240
 ttgctaggat tttattaggg agttttgcat caatattcat aagcaaaatn ggtctgaagc 300
 tctctttctt tgttggttct ttgtgtggtt taggtatcag agtaaatgtg gcttc 355

<210> 267
 <211> 352
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(352)
 <223> n = A,T,C or G

<400> 267
 atcgactttt gggagaagtc nccccaccca cactgnctct gctggggaat ggagcgaggg 60
 ctagccaggc tcttcagatg nccgttgatg gacaccaggc ccgcnctcgg atcttggtct 120
 ccttgaggat gacgccttgg ttgtctgcnt gttgcnncn ancgcccccc ganggagngc 180
 ctgtagcacc tganagcacc gctggccent gccctctgga nccttgactg tganntgcna 240
 ganactctgg ccncctgct ggtgaaagan ctccntttt agtctccant ttggtacttg 300
 ttttcctaac taagtgacaa attgcctgcc tctaataaac taggtcagtt aa 352

<210> 268
 <211> 350
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(350)
 <223> n = A,T,C or G

<400> 268
 gctttcggca tgatgaccca gctngaagnn aactnggcaa tggcancagc ctaacacttg 60
 tatnnttann tgggggnntg caccgctacc atttcacat ggccttgnaa cagtncacg 120
 gcctatggcc agnaccatng ctgngggggg ggatgcngct tanatcacia aganggccn 180
 aaatagccca naatagcatn cccaccacac aagttacata ctgtgattag ggccccagcc 240

agngagcagt	atntggtntt	ntangaaagg	gagattgaag	ggcaggagaa	atggctnang	300
ngaacagcan	angctgtccc	ttccagagga	cctgggctca	gttccccagc		350

<210> 269
 <211> 349
 <212> DNA
 <213> Mus musculus

<400> 269						
gactgaggtt	ctgcatctcg	aaggctccca	ggtgatgctg	atgctgctga	agcaggacgc	60
tgagcagcct	gagctggcaa	gccatataca	gatccaactt	cgcaagagag	aatacaccag	120
taaacaggag	taaattggca	tgaccaagaa	gaaccaagct	gatgcctaca	aacgacctca	180
ccaaagaggc	actggtgtcc	ctgctctgaa	gagccccctaa	gaccgagcag	gatggcaggg	240
tgtattgggg	ctcaggggag	tgtggctcca	acaggaacca	caggcattca	ttaccaccac	300
ctgccaggga	gagtaaagaa	aatcggtactg	ggagagtga	aaaaaaaa		349

<210> 270
 <211> 463
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(463)
 <223> n = A,T,C or G

<400> 270						
gactgagggc	gtgagncacc	tcttacataa	gggtgggtgtc	ccctgctgat	nacccccacc	60
nnggccagtn	cantatgaca	gaaagaacca	gcngtggana	cacaccanaa	gagggcatng	120
gatcccattg	catgatggnt	atgatgccac	catgaggttg	ttgctacctt	gaactcanga	180
cccttggaag	agcagccagt	gctcttaacc	gctgagccat	ctctccatcc	ctacccatca	240
tgcctatnat	gtatattaca	atattgcaac	ccanctctac	ttcataanaa	cagcagcaaa	300
gacaaaaacc	aaaaggacaa	caaggggaatc	tggatgagag	ctgtacacca	acgaattana	360
tagcttgcct	gccaaagtg	cacagaaaaa	tnccaggaat	ctcatacact	gttaaacaga	420
ctcaagatan	agccacaata	aacaaagaga	taaaatcatg	cca		463

<210> 271
 <211> 348
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(348)
 <223> n = A,T,C or G

<400> 271						
acttgtgcta	ccgcacgcnc	tgccgcgang	tggcagcnca	ngacntcagg	cgcntctttt	60
ntctctctgc	ggggangcna	cnngaagctt	ctccncggtc	ccatggtncc	taaccctca	120
aaactggngg	agaatggctn	ttcntactgc	cgacaatgcc	ttgtactttt	ggagacccat	180
tatggaagan	gtnaatcaaa	gctnncgatg	ncattnnaca	cagganactc	actngcccgn	240
ccctttattt	aatgagncaa	cactgncatt	tttttgctnt	actgcatgna	agcngtancc	300
atgagtacct	tgttttaagg	tncacatcta	caaccttaaa	acaaaggt		348

<210> 272
 <211> 347
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(347)
 <223> n = A,T,C or G

<400> 272
gactgaggta ccctctgtgg ccggaaagga tgtcggagcc tctgatgctg gagttacagg 60
tggtgtgagt cacctgacaa gggagctggg anccnacctc tggctctctg caagatcagt 120
gagtgagtc aaanactgaa ctatntctnc aacctgaat cattancact nttccagaat 180
aangtaant gatgctattg nactgncct tnaantcnat cactgnttag gnataggcnc 240
nnnagatttn tgctnactag gccagactga tctacannng gnnctccagg acagtttgag 300
gacagacang gctatacagt gnatcccctg ncttgacccc ctgagct 347

<210> 273
<211> 345
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(345)
<223> n = A,T,C or G

<400> 273
tctgatccac tgttgatgat agcacagaag gtgtacaagg agaantgtnt gtctgtgtgt 60
ccagcatcct gcaaaggccc aagcncgcgn gnaaagcaaa gagctccagg caccacagtt 120
tcatttnatt tcctccaaag cccctgggaa ntctgagctc ctgnggntgc tggtagagcan 180
aatcnnactg ggaaaagcca tgccaggggc tcagcctagg gatgtgatcg ttgtgccaag 240
atctccagat tcgngttttg gttcttatga aacacgctnt gacctggntg ntgtgatgtt 300
actcacatct aaatgctnat ngaacaactg aactatttgc aaaaa 345

<210> 274
<211> 345
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(345)
<223> n = A,T,C or G

<400> 274
gtcacacagc tcaccaggaa ngcganctga ggactgaact tccggtagtt taagcgggac 60
acagagggag ctgggcccct tccagggagt tntgagtga ngananggaa gcangcaagg 120
ctctgtccat gaagacattt cagatggagc aataaaaacc aagaagagct tccagaaact 180
tctactaatt aaggggtcac caatgctctt aggaggtnta gggacttctt gaagctgttn 240
anagnngttt acttanggan cnngactgca nnatgaactg ttcnanncnn agagganctt 300
ttnnagaaac cnggttagac tactttggcc ttgaactcct acagg 345

<210> 275
<211> 340
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(340)
<223> n = A,T,C or G

<400> 275
ggtaatcctt cgctgcagc gcagtacnaa tctgaggtcg actgggattg acnttctctg 60
ataattaaaa agccactggn aagaacacaa agatgggctt ccagggtgct tgaggntgna 120
ccacagcgn tccngnctat gacgtcacct gngcgtatga catcaccatg gagattcgga 180
cagacgaagc ttcacagatg cccagaaaat gaccattatc cacagactgc agagactctg 240
cagtatccat gtgaagacgt ttcaaaacat caccgtggag tctaggcctg ccatttatgg 300
atcctgaacc aggggtacag aaaccaggac tagtgacctg 340

<210> 276

<211> 508
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(508)
 <223> n = A,T,C or G

<400> 276
 cgtcagctca aggcantgct ttctngtatg aaggctgacg ngcncatnga nagcaccttg 60
 aaancngccn ctgtgcanna ncatnntngn ccatnaatna ntatgcaggc cttagttaca 120
 cccgtgmnnn tnacttanna ganaggatcc tgcnaanaca catgngctnc nngatgncat 180
 cataaggcaa ggggagtgccc cgaagagagt ctggggagaac ctactgctgg tgattggcga 240
 tacagtctca gatgcaggga tgaccccagg atactgaaga tgacaggact gtgagatgtg 300
 caccaaggat agaggccggg tggggcagag cagagctgaa tctcaagaca gctgcatgtg 360
 ctatagaggg caggacagag atgtggagct gcccaagctc tctggagctt ggaagatgat 420
 gactgagtc cagtcgctgt tcaactgaat atttatacct ttgcattttg gttttgcttt 480
 aatctcattg taactgtgcc caaaccat 508

<210> 277
 <211> 338
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(338)
 <223> n = A,T,C or G

<400> 277
 gactgagggg tgggtgagatt gttctaacta ctgtcgtggc taacctgtga atattctaaa 60
 cgccatggga ctccatccaa ggacatgagt tacgcctgag cccggcctga caccccaagg 120
 ctgtcaagga ggatctatgt tccgcataga tctataagat gcagagngcc cgccgcctgg 180
 agcctgactt cggacctnat gtgagcagat gccactttt ttgttctttg ttaaaattcc 240
 cctngaccc ctncctatc cctgcaatgt atgctataaa acaaggcacc tcancataat 300
 aaacggagac cttgataggt acaatctaaa aaaaaaaa 338

<210> 278
 <211> 336
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(336)
 <223> n = A,T,C or G

<400> 278
 cgттаатсса сggcctgctg cagnctctgt ggtacagcct gagaaccctg tccccgntgc 60
 ccaggacacc actgacaaga agcccaccag gccagcagca ncatctcagg acatcacaag 120
 ccggngtgac tggagcagag cagagcctgt ttggctcacn naagaggaaa gaggaccccg 180
 cnnacnctga agtcaaccag aggaacctnc agtttgtggg antcantggn gggtatgagt 240
 nccccctcggg ggnctagngc agagnagagg ctaggancnc gagagcttng cnnnatgagg 300
 gccccggngcc ntccncctgg ggctctgtgc ccatct 336

<210> 279
 <211> 336
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(336)

<223> n = A,T,C or G

<400> 279

acgtcctcat	ggattcagcc	ctggagctat	gaagacatga	gaaagcagct	gcttggaact	60
gccaggtctt	gctggggngn	tgatgggtccc	ggggggaatg	tgaatctgnc	tgccctgcccg	120
ntgcgccccg	cccgttctcc	ccccgatntc	agnatttgct	ccncacggcc	cagggccctgt	180
gcaggngcct	nttccnntgc	ctggaanncn	tgancgggca	caacaggccn	tgtcaatttc	240
cccgaaccnc	gggaggtgtc	aagtttggca	ggtcacccan	gcntggtggc	ttgggggaaag	300
gtcntacaca	cantgcnttt	gcaattttgc	cctgca			336

<210> 280

<211> 336

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(336)

<223> n = A,T,C or G

<400> 280

gggctgagca	tatacctgga	natccttggt	ggcgactgac	ngacagacan	gcngattggn	60
tgtaggcan	gaccactncn	tntccttggt	ctgggttctcc	tccaaactgc	tactttaact	120
gcacctgcaa	tgaaaanggt	cccacnccag	agaaccagca	tgccctgctag	tgagccgctt	180
tattntgcta	ttacaacttg	ggcngataag	acgattttaa	gccangtggn	gncgnnntat	240
gtctttgatt	ctancactca	ngaggcagag	gcnggtggcn	tttatgagtn	taaaggccag	300
cctgntctat	agagtgagtt	ccaggacagt	cctgtg			336

<210> 281

<211> 336

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(336)

<223> n = A,T,C or G

<400> 281

gccccgagac	gcgcaacttc	ntgcgcctcc	tggtgacgtg	gacgcnacca	ggtcaagggc	60
ctccaaggcc	ttggaaccat	gggctactgg	caaagctgta	tccacatatg	ggccatgctc	120
aagatgggtg	gcagagctca	actccagagt	ccaaaacaag	tgatcagtg	gtgtaaagac	180
tagcagctgc	agcttctctt	gagaagtttg	cagccccaaa	ctattggtct	acagagacct	240
cctactaaga	ctagttaaag	cttgctactg	tgctatgccc	agtgaacacc	tcaaagttcc	300
cagctatcgt	ggggatctaa	ccccagcttt	tgctgt			336

<210> 282

<211> 333

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(333)

<223> n = A,T,C or G

<400> 282

gactgagaaa	gagcatcata	taccctggta	gangagttac	aganggttct	aagctccgat	60
gtgggtttga	ganttgaatg	tggttcctct	ggaagagagt	gctgctctcc	cacaccctgt	120
ctttgtttct	tgagcaccgt	ggtgaaagta	gctctgcttc	tccccctcaa	ggaaagcaag	180
cataggaact	aggttccagc	tatgagaatc	caaccaatct	tgaatggcag	ctattcagag	240
aacaaaaact	tgcatctgta	ccagacgtgt	gcagagttcc	ttccctggtc	attgtttccc	300

333

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<220>  
<221> misc_feature  
<222> (1)...(333)  
<223> n = A,T,C or G
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<400>	283						
gactgagtac	atgaaccaca	gnagcatggt	agagcaatgg	cttcatggga	acccaccang		60
agngctcctg	attcagtgct	gctaacctcc	caggattcag	tccattgcg	ggcggggctc		120
gtgctaagcg	atctcaacac	tgacgttaca	cacgaggaag	gagacaaaga	gtgtggatgt		180
tcaccgtcca	agtctcaaaa	gccagaggct	atggctgtct	tctataatcc	cagcagcaca		240
gccctgntgt	atcactggga	aattatgtgc	ctggtgntc	ccttcaaata	aagttttatt		300
gaaaccacan	aaaacaaaa	taaaatagtt	tgg				333

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<220>
<221> misc_feature
<222> (1)...(333)
<223> n = A,T,C or G
```

<400>	284						
atctggggcac	tgggtgcccaa	cgngtgggctt	gagtaccaag	gctacagacg	aagaacactg		60
cagtggtttct	gttcggccga	ttttngtgg	aanatgccct	gcgtgngagc	ctgccgcctc		120
aactagagat	cctggcacat	tgatagctgt	cttcagacac	tccanaanag	ggtgtcagat		180
cttgttacng	atggttnctn	gccaccatgt	ngtgcctggg	attngaactc	tgnaaccttcg		240
gangagcanc	cgggcgctnt	aacccactgn	gccatntnac	cannccggaa	tgntttangg		300
atggngcata	catnatttta	tgaaagcttg	ttc				333

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<220>
<221> misc_feature
<222> (1)...(332)
<223> n = A,T,C or G
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[illegible]

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<220>  
<221> misc_feature
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<222> (1)...(331)
 <223> n = A,T,C or G

<400> 286
 gaactgagta tattggattt tctaaaagaa tggaatcaag tgatggcttt ttctccagaa 60
 ttggaatatg gaggcttcag gaacagatga agttgacaag ctaaaaacta aatttntntc 120
 tgcttgggaa aatatgaaat atagttgggt gtggaaaaca aagacatatt ttagtagaaa 180
 ttcacctgtt ttattgcttg gaaaatgtta tcattttaaa tatgaaggta agcattaaaa 240
 aaaaatcttt gaagactttc attgctaaac attttgttat tttatttcca tattaaccg 300
 ccttgacacg ttaaccacct aaaaaaaaaa a 331

<210> 287
 <211> 331
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(331)
 <223> n = A,T,C or G

<400> 287
 tccgccttca cttctntann atggttgaca taacctactt aagctcaggn ctannatcta 60
 tatagctcaa agatgcagta tgcccttgcca agcatcctgc agcgaggggc cacagcctgg 120
 gtttggagac agcaaagtgt ggctgggcca agtgggaagg tgagggcctt cccctggaac 180
 ctgcgccacca gggtcacgtg gagcctgaca gctcccangg gcagccacgt gctcttcca 240
 tgacatnata ccgcctcgga actttgaggg caaggattct tggaatgctt gattcatcct 300
 ggaacaaaaa taatactgcg tatttataaa a 331

<210> 288
 <211> 330
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(330)
 <223> n = A,T,C or G

<400> 288
 tgccgatgtc tagtctgccc cgcacggctc ctgcanaggg cnnggccncg gggannncnc 60
 annagacgtc ggcgcncgct nctggttgta aaccaannng gggannncca caagacacct 120
 gagangccag gacagactcg taggaaggta ccaattcctc ctattccaga gtatctgccc 180
 ccagtgaacc tgattcaccg agatgttttg cgggcatggg gccagaagaa acgagtgtanc 240
 ancaaaggcc anaaattana tgcttataaa cnactccttg caagggtctt cccanaacaa 300
 atgntgnagt tgaggaacgt cctgactcg 330

<210> 289
 <211> 329
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(329)
 <223> n = A,T,C or G

<400> 289
 agcagacaca tgatgangaa taaaagggcc ttggaggaaa ggcaccagtc actgcctgt 60
 ggaaggcgat acacacagng tcctgagacc gtccatggng ttttgatgnc anctctacac 120
 ctggttagcca caggcaggnt gttgatgggg ctgnacngtg ttngnnacat tgtgcancat 180
 tacgggacac accactttcg aggtctgcct ggtgtggtgc atttggtggc cttccatcca 240
 gacccacccc gcctgctgct cttctcctca tctngggaca cctctatccn cgtgtggtca 300

ctgcaagacc gctcgtgttt ggctgtcct

329

<210> 290
<211> 328
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(328)
<223> n = A,T,C or G

<400> 290
actgagagaa acaataaggg gttacatgnn gtttaaggnt ataaggaccc ttactgttcc 60
ctcacancag gattcccagg ggaagctgag anggtngata acagaaattc aggaacctgt 120
ttgggcctgg gctattagag tggagatgg gagccntcct gaaacatga cttaggngcc 180
cacagacctg gcgtcgggan tgcngttgac tgaagagnga nttagaaga gacctganag 240
gcnnagcgt gatattctt tatnaggac atgaactttt cgtcgcgcgc atcgncatng 300
gnancatcat caccatcacc agcagcag 328

<210> 291
<211> 326
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(326)
<223> n = A,T,C or G

<400> 291
ggtggttgaa tagganaagt accttttgcc accccattng gangacttga acccaggggtg 60
ttgctacact atgcctgnga ggannggctc ggtctagcat gaaacacnna gccncctggg 120
gcctctggcn ncggcngtga ngntgganat cntcnngng catgagccga gctttggcnn 180
aaactgggct gntgcgtgg tgcgagaagcc ccagccgat gaaaangaga agacggnttg 240
nccccccta tnattggnga gccaatganc tttgtncacc tgactcacat cntnctctgg 300
agagatgggg gcctgtagat ggactt 326

<210> 292
<211> 326
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(326)
<223> n = A,T,C or G

<400> 292
gggcagctgg gtaacctttg atgatgacct tgcttttnaa tcttctcaga aaagaaagga 60
nttnnctctg gagactcatg gtgnagaat caccantcng actgantcat ganccttctt 120
accctccgan ancctcccat caccctctcc tctnccanca nccccccct ntctctctcc 180
atnaagactt tttatttcaa tccaaaaccc ccanacaact cccctctttc tncaccacc 240
aaaacttccc anaattccct nacatcccta aaacaaaaac acatatactt tatectattc 300
caaaatagtt cttcaaacaa atgcc 326

<210> 293
<211> 325
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

gacagagttg aaaaaaaaaa a

321

<210> 297
<211> 319
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(319)
<223> n = A,T,C or G

<400> 297
actgagaatt aaggagagctg gggaaaaaat tggaggattt cacaccagct gccagcagca 60
ttt gatgcca aggacaaatn ttcacagcgc tgtctcctcc ggggatatat actagccatt 120
tccaggtaaa agcaaggatt cccgcctaga agggaggcct gcctgtacct ggctgcctt 180
ccagggggac atttcttttc caatagagtc tccacacagt aagaggatta tttntatgca 240
tcgcgaagcc ccttaggggtc tgcaagagtt ccgagtcacc caaaaaagnt taaatcacat 300
ttaaccaga aaaaaaaaaa 319

<210> 298
<211> 318
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(318)
<223> n = A,T,C or G

<400> 298
gagtggaggt gtctgaggag cnagcttctt cggaagatct nganganatc tngtcttcnc 60
ttctggaagc tgcaggcatt ctttcnngn tccagaacnt caccgccggc gtcggcctcc 120
gttcacaaat ganannccac tgtcatgtgt ctncnntnnc tentcagacc cccaccantg 180
cncnaacttg cctntgtctt aattacnnta attactcaat gtttcntcn taaagctccc 240
ntccatgcct cctgggttta ctttaaaatt aattttaatt tagaatttaa aaaaattaat 300
ttaatttaaa aaaaaaaaaa 318

<210> 299
<211> 317
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(317)
<223> n = A,T,C or G

<400> 299
actgaggtct gtgaagagaa tgggcacanc aacaagnant ctacctggat tngngtatga 60
nagcactgag anacactgct ccattgcctt gcttgctacc agggcttggn ctacactgng 120
gacaaacaga ggataccac agagtnaaat gtnttatatt accttatgtc aaggaaacct 180
acctcagtat ctacctctna tggaccacaaat aaacttnatn canantntgc ctcctatgaa 240
nagcacttcc accacaagtc cagcactgat atattcccat ctttttttaa aaaaaaattt 300
tttcgttatt tgcattt 317

<210> 300
<211> 317
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(315)

<223> n = A,T,C or G

<400> 304

tccggaagga	ggaccggnga	gnatccaata	ctgatggcgt	ccaataaagc	cacaagcctt	60
ggaaccagag	canngactca	cgtgcnatga	ccatttgcaa	gtgaagatgc	agtggacntg	120
agggatagac	tgcaggacac	accatgacac	actacagcgt	tccacggatg	agatgttttt	180
ttatgctttg	gtttttgttt	tgctnngttt	tgncctttgt	ttgtttgtgt	gtcctttatt	240
ttgggtgaga	ggtttgaaag	agccaggggt	ggatatgagg	gggcaggcag	atgancggga	300
ttgggctgct	cgatg					315

<210> 305

<211> 314

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(314)

<223> n = A,T,C or G

<400> 305

tgagaagctg	cttcctctgt	ganccagtaa	cttctgtgcc	ctctantggc	tggtctcgca	60
gcnccttcag	ccacccangt	gcctctgcaa	gancttgntg	acagtctggg	tctgggagca	120
gganangatt	cccttaatcc	tgcagagact	tgatgcccc	gggtgaagag	aatgagggga	180
gagggcaccc	tctcantagg	tgaagaggag	gatggntggg	gnaaagaaca	nnctatggga	240
ccagaagggg	agcaacattt	gtgangttaa	taaatataat	aattattaat	aaaaaatctc	300
tagcaaaaaa	aaaa					314

<210> 306

<211> 314

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(314)

<223> n = A,T,C or G

<400> 306

gactgagggg	gacctgacag	cagtcatggc	aagcagcagc	ggggacagtg	ttacccgccc	60
gagtgtggca	tcacagtttt	tcacacaaga	agaagggcca	nnctcnatg	gcatgaccac	120
ttctgagagg	gtggatgat	tnttctgaac	catngctgcn	ttgatcacca	aagactcnaa	180
natcacagtg	ctcaaacagn	tccaanagcg	tgntnattan	caacgaccnn	accctnctng	240
acaangnta	tggatgaaat	nattactttc	cannacana	anntcnttgn	tntgancaag	300
tttgtaattg	tctt					314

<210> 307

<211> 313

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(313)

<223> n = A,T,C or G

<400> 307

caagctggca	atgaanttac	actatntagc	acctgaatga	cctctaactc	gctgtgctca	60
------------	------------	------------	------------	------------	------------	----

109260"6229560

<223> n = A,T,C or G

<400> 311

actgagcttc	cacttgggcc	cccgnttggc	tgctctttct	gggcgtcccc	ttccccntgg	60
ccggggccga	ggacacntgc	ttgctgcgca	agagtcttca	ggantggctt	tggtttcacc	120
cntgcgccac	ttcntcgtgt	acccacccga	gtccggccgt	gcacttgcac	tcttgaagga	180
ggaaganaaaa	tggaggcccc	aaggaaggaa	nangaggang	gaggagggan	ccntcccca	240
cggnancngc	ttgngggccc	cagggancac	atttttttng	aaaaaaaatg	ggangggaag	300
ggggggcccc	a					311

<210> 312

<211> 310

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(310)

<223> n = A,T,C or G

<400> 312

ttggtgctcc	gcgacagcan	gtnnccaaga	catacactca	cantntggcc	tangcaggaa	60
cagcagccct	gtgcatacca	tgnggtcang	gaaaagacnt	agaagaacag	gagtgtctga	120
nctgattggc	cgaatagata	nttaatantg	gctgcnnccc	cacnnaggta	cctcagcctg	180
gggcctcagc	caagatcacc	tantgaggat	acacagggcc	cgattataaa	atggagctta	240
atatataata	taantattac	attattgact	tattgnattn	ntattctcat	taaaaacact	300
ttcaattcaa						310

<210> 313

<211> 308

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(308)

<223> n = A,T,C or G

<400> 313

tactgcctgc	accattagcc	ttgaataagc	tgagctggtc	tattgtcact	ttgaaagnag	60
naggtattag	acatccgaac	aattacacan	gactgcctac	atnccgctan	atanntgagc	120
ctngctacc	tcagttgacc	tntaaacagc	tngttttcac	tgncctgggtt	ttaatgctct	180
catgtgnaaa	aangganacn	gtgntatttg	cctccttgag	ttgnggacnn	ccaataacca	240
nctgatctgn	ncaanatata	tntnnatgtg	atcntcatcc	tcacatnnga	cctaacatat	300
aatatctt						308

<210> 314

<211> 307

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(307)

<223> n = A,T,C or G

<400> 314

tgaaggactt	gcgaaagccc	tcattacacg	gtncctgcct	gctnaagagc	tnttcctgag	60
aaattaaaaa	ctttaaccct	ggttntttcc	aaagaacacc	ttngngactg	ttngngtact	120
aaagggtaaa	gatttcctgc	tggcaggagg	ccatcttctg	ctaactttta	ggcttactgc	180
acaaaagctt	aagcacctga	caattancta	tttnagtaaa	tntncaagac	acttntccat	240
ttcttttcag	ctaattcact	gttttttgaa	ccaacattaa	aaaaattcaa	cttgcaaaaa	300
aacaaaa						307

<210> 315
 <211> 307
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(307)
 <223> n = A,T,C or G

<400> 315
 aggggggggccc ccccaagccg ctntatacgt ttgggggatat gtttgggggnc ccacntgggn 60
 gnggaacnggn cggggttnac tntttcttgg tagnaannta ccttggttgg naacccccggc 120
 tttccctttt tcccagggga accaaaccn ttccccacaa aacccccggaa aaaggaaaag 180
 gccacccttg gtaatttggg gaaccttggc ccaaggccan ccctttcaaa aggggggcccc 240
 aaanaaaaag ggggtgggtg gggtaaccga canttggttt ccccgaggat ggccagcctt 300
 gccatt 307

<210> 316
 <211> 307
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(307)
 <223> n = A,T,C or G

<400> 316
 cattgctgtg gtgctctgnt ctgcaggngc tgtgcaagcg ctgggggtgct cttcgacagg 60
 ctgtgttgct aacagangga gcatecttga gacgttttcc tgcaatgatg cgggtgagcc 120
 atgccatggc ttaagaatcg cccagggagt tgatggtact ttntannact tggggcccag 180
 tcttggaatg gtagcttaat gtttgacagt ttaaactgga gtagctccag agctctttgt 240
 tggctccaac acatggataa ggttttctag aacatttact ccatcccatc ccccaattaa 300
 aaaaaaa 307

<210> 317
 <211> 307
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(307)
 <223> n = A,T,C or G

<400> 317
 gagaaatacc taatgcattn ctttganaac ctccacatng cncactggnt anctnttcac 60
 aggcntcaca gncnntagcc tctnacngga gngnnaggaa ggcagctgnc agctggctgg 120
 agnctgnan ccacaggtag ccnaactgga atatgctctt canagctctt cacaganaga 180
 tnacantcng acagggtnn gtgaaccccc cngaacgcga gaaggatcga ggtttaagca 240
 tggtgggaaa aactgatccc ggcactgtct tcgngatgaa taaaaacatc tcaaccctt 300
 acagttg 307

<210> 318
 <211> 306
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(306)
 <223> n = A,T,C or G

<400> 318
 atggcgcttg ctacatcttc ccgaangact tccatattgg tcagtctcag tcgacttggg 60
 ttttcgcgtg ccgtcaccaa gctgtcgtcc cgnccgccgn cgtagggntt ccacccacgg 120
 tcnggggggag ccagcccgcc catcccggna ggggtgacat tntgaggggt gctgtgtagg 180
 agcnggggaa gggacaaccc gaacagtttc gggcgacgcg acactctcgc cctnacgcga 240
 nangantntg acactngagg agggctccac tcaagcgcac accctatcga gggaaggaag 300
 cctccc 306

<210> 319
 <211> 305
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(305)
 <223> n = A,T,C or G

<400> 319
 ttcttcgatt cccaggctac cgttgactcc attattattc accagggagt ggtaaaatgt 60
 gtcttccatt caaactgttg atgggtgatg acacggacct aggaatcttt atgaaggtn 120
 ggnntatgnt gcagtttgna nngngtacn aaaacagnan tatnnantcg tttatccctc 180
 gncccatcnc nccacagcaa gtctgcctct ctcttggttn ccngtgcgac cgtagcngcc 240
 tnngaggcac atggagtga tnggggngat gaaggagggg ggnctgtgtg ggatgagaaa 300
 ggggt 305

<210> 320
 <211> 304
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(304)
 <223> n = A,T,C or G

<400> 320
 gtgtgggact gcaacatcag cttggactga ggctgagcac agagcttatg ctgggaactg 60
 ccctgcccac tgcccggact aatgattgca ctggggacac atgcacctcc aaggagaaga 120
 ggaacgtgaa gggagacctt ggcttagggg ntgngatgca gcctgngcct tctgtttctc 180
 tgggctggcc aaaccatctg gaccagggat ngacacttgg gctcccctga atcctgcttg 240
 gctctctgac atagggtataa gataatgggg ttggctagca gccagcatgc ctgtaaacct 300
 cacc 304

<210> 321
 <211> 304
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(304)
 <223> n = A,T,C or G

<400> 321
 cctactccta ggagcatnca nactgaaag tgcttcagaa ngatncctnt cttccaagtg 60
 gctgcgatc agctgctctg tcttgaggac tttccagaac aggggtggcca gaagaaacac 120
 tattttttcga ctacgtgaga tctgccttac taagactcca gccctactga gaaagctcat 180
 ggagcctgga agaccaagag ccaaccttcg gagggcaggc aggactntgg ccggatctgt 240
 agggcactgc cctagtctca ctactatggc acgtgggttc acggnagggt ttgacccatt 300
 gggg 304

<210> 322

<211> 304
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(304)
 <223> n = A,T,C or G

<400> 322
 cgtgcactat ttttacgngg accnccanat tactcctggc anngaatnga ggccccnncc 60
 ctcttccttg atatgggtgga gcatcaccac ataaacatga gagatcttga cagaagtgca 120
 aaaggtnaca naagccctgn aattggnaaa atanatttca tggctagcag aactagcttc 180
 actgatttag aaaaatagag gtgcacaatg ctctggccgc tccttgaacc cgtgtgtctg 240
 ccaatgttnt ggccgctcct tgaacccgtg tgtctgccaa tgttctgacc gttccttgaa 300
 ccca 304

<210> 323
 <211> 303
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(303)
 <223> n = A,T,C or G

<400> 323
 gtactcccgc cgtgttccgc nattcgncgt ggccgngacn gncaggcnnc nnggcaccnt 60
 cntcccgggt tcnnntcann nttgcagtcg ancannngcaa aagcctggct gtgcggggca 120
 gaactcanac gccttccctt ctgccgttcc ctgtgccag tggataatct ccaganacga 180
 gtagtcagct ttgttgctcc tcctgcagcc tctccacctg cccgtttccc atcaagaaag 240
 tgtgtacatg tttaaaacct tttattgcaa ataatacaca tgtgaaaagg caagaaaaaa 300
 aaa 303

<210> 324
 <211> 303
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(303)
 <223> n = A,T,C or G

<400> 324
 agcagaaagg atgacagtct ctgcacctta tnttcagcat tgccctgcaca caccaagacc 60
 anggaccctg gcatcagtggt cgcttggtat gccaccggaa gttaatggnt gctttagtaa 120
 actcactggc cttccctggg tatgaagact acntaaaaca ggggtgntga gatgttcact 180
 gggtaaaagag acctaagttt gatccctgga acccatggaa aagnggaana agctgccgga 240
 gncctcttga cttcccccca acttgggctg ggggncctaa ccctgnaccc aacccccca 300
 ccc 303

<210> 325
 <211> 302
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(302)
 <223> n = A,T,C or G

<220>
 <221> misc_feature
 <222> (1)...(295)
 <223> n = A,T,C or G

<400> 329
 tcttttcctat gcagccatct ctccagttctt acctgctctt gcggctccgt tcagccatca 60
 catgctacaa taactaccta accgcatgac gcgcatgtgt tcaccccagg tccaagggtca 120
 aagtcttcaa gctgctagct tcaaaatggc cacaatggga acatttctgt cacaaaagt 180
 ggctagcact agtgtagnng tttgaatatg gttggccan agagggggcac tatttggagg 240
 tgtggccttg gactgtgtgt gtcactgtgg ncataagctt gagactctca tccta 295

<210> 330
 <211> 294
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(294)
 <223> n = A,T,C or G

<400> 330
 gggagatgtg tctgctggct ttgtgtgncc actacagnnc tnnngnncnac accttaccan 60
 tcgaatngtg gnatgnanaa ctgnncnntn ngnggacacg atgcagantc tacatgacgg 120
 tgagatgaaa agcaagtggg ttggagagga acacagtaga ctggggagga gaattaggaa 180
 aatcactggg aaagcattat tctaggaaca accttaccac tacctgcagt ggtacttccg 240
 gcctcattcc taaagatggt taataaactg ctaatcaacg tttaaaaaaa aaaa 294

<210> 331
 <211> 293
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(293)
 <223> n = A,T,C or G

<400> 331
 ccagcacacc cactgagcca gctngctgcc ccattggatg ctctgtgaaa ggagctgctt 60
 ttctggcttg tcacctgagg caactgactg cagaagacta ttcttgctac tgctgtctaa 120
 gggcagcttg tcactnagag gctgtgtcac cacagagtnt gctngcacac cctgaanact 180
 tngtctngct gtngnntttt tccttcagnt nnatgnnctt caaatttctg aaatctatcc 240
 tgntgggctt gattgattan gtntaataaa gcacttctat tataaaaaaa aaa 293

<210> 332
 <211> 293
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(293)
 <223> n = A,T,C or G

<400> 332
 agacttgagg ctcccctgcc ctcccgtgg tagcagacga cggctccnc nccgcagatc 60
 tcttgtnaac agcngtcat atacaccgcc tggatnnttt naccggacaa gcattagaac 120
 annnctgt tccgttccaa aaacgatggc antcgttttn tgcccctcan nggagatggc 180
 aggtacagt ccttngntaa ggcattgcta gaaattacct ganttaaaaa tgacctgtgt 240
 gaaaaagcca annatgaat taattaange ttttnattta tcacacttac tta 293

<210> 333
 <211> 292
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(292)
 <223> n = A,T,C or G

<400> 333
 gaggtctgctg aggtccggaa gcaggtgtcc cyggacgcag cggctcacc caccncagtn 60
 ttcgctccag nagaacacng gggnggccct ctgacggagg ncatcgaacc cctggacttc 120
 gaagatgngc tncnagagcc ggccacctga agtagcagcc cnggncccct cagggactng 180
 atagagnctc cagnagaang acnnagcaac nacngaagca ggcccntaga atggccgggg 240
 ccacagagtc tggngnggcc agaggatgnt tttttttttt gccagggga gg 292

<210> 334
 <211> 291
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(291)
 <223> n = A,T,C or G

<400> 334
 ccaccaatgc ctaggtctcc tgtntaantg aanatacant caagatcctc acctgngntc 60
 angccacccc tanaaacaat aaatcctgna ggaccgangc caatntcctt tactcctaca 120
 gcatgttaca attcttaatt ancttgaacc ttataacctt aagtgggtatt ttgatctcac 180
 tgataagttt acattanacc cttcaatata tacnccgggg gggnatgact acncacnct 240
 accccnecat ngangtatan cnatgcattc ctgtaatcca attctcaaaa a 291

<210> 335
 <211> 290
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(290)
 <223> n = A,T,C or G

<400> 335
 ccgccccgc tgcctgncna gggaaggctc tgaagantgg tangctgcng agactctgag 60
 ctggaagann cagagaccag cttagctgcc tggangaggg ttagaccaac cgaggcctcc 120
 tgcaaaagga cacctcctca aactgtgttg agatgccac aagcctgtgc cngtgtgcnt 180
 tcaggttccc atgcntgggt ggggcccttg gtcactgcag cctgtctttg agtcactttt 240
 tgctcctgta agtatcccta ataaaactca ttggttcacg aaaaaaaaaa 290

<210> 336
 <211> 289
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(289)
 <223> n = A,T,C or G

<400> 336
 gaagggatag acgacaccaa ngaaacagtg tcttncaaat acaacaggac tggcagtnca 60

tatgaacatc	acagagaccn	tggnagcatg	cacagggcct	gcatagatcc	aaagctganc	120
tnaaactgca	agagtttgtc	cccttctatc	ttatcctctc	aaatattgtg	tgtttcaacc	180
ggntgtgggtg	gcacacgcct	ttaatccan	cacttgggag	gcaagaggca	ggtggatttc	240
tgacttcgag	gccagcctgg	cctacaaagt	ctccatctag	accagccct		289

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<220>
<221> misc_feature
<222> (1)...(287)
<223> n = A,T,C or G
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<400> 337						
ggagacgaac	tgggtggaatt	tttcaanngt	tctgaactga	cttcttcaat	accaggagga	60
acttatgnaa	gntagnnnag	ctacgatgta	ttgtgccacg	tganatatnc	ttgcngggagc	120
naacctaaaa	tctgcntgag	ggggggtgggt	ataataggtt	tgcccagatn	cntgcaataa	180
ancagccttc	ttttgcnnnn	gcccnatgaa	antttctcct	ggagccagcc	taaaatttgc	240
agagggggng	ggnataaagg	ggtgccccanc	ccctgcaata	aaccaa		287

<400>	338						
actgaggatt	gaactacagc	tgacctggagt	ctgcctgcct	agcaggactg	gtctacagct		60
gctggattgt	atttgggtgtt	tgctatggga	ctgaactgct	gacaaagaag	atcttcaagc		120
ttgcccccaa	agaactatta	ctgaacaggt	ccacttcccc	aaaatcctaa	taacttttct		180
cttctactac	ctctgctggc	tggtgagcta	gaggagaggt	tgaaccctta	ttaaaagtag		240
gttgcaaaaa	atttatgccg	acagacaggg	aaaggggtta	tgactaggta	ataaaagtgc		300
taacttccaa	aaaaaaaaaa						319

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<220>
<221> misc_feature
<222> (1)...(286)
<223> n = A,T,C or G
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<400> 339						
ggtgcgtacg	ccccgcncgg	cgaccgggggg	gtgcgcctgc	agccttcaan	ggcccnatcc	60
ttcntgagcc	ncttctgccc	cctcctccct	aaaggnttca	tgtttccna	antagcncca	120
ccagctggnc	aananncatt	cmaacatga	gcctgagtca	ggcatttcag	cctcaaagca	180
caagattaaa	atatctaact	ttgggatagc	attgaaaatg	taaacgagga	aaattcctaa	240
taaaaaaatg	ataataaata	aataaaatana	taaataaaaag	atctaa		286

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<220>  
<221> misc_feature  
<222> (1)...(286)  
<223> n = A,T,C or G
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$\langle 400 \rangle$ 340

<221> misc_feature
 <222> (1)...(277)
 <223> n = A,T,C or G

<400> 348
 gactgagggg ccctctatatt aganggtaan gtacggacag aanagnagna gangnnaaga 60
 ganganatna gaanagatga gaagngaaga gaagcagaan ngnatagatg ngatgagagc 120
 gagtngnccc cagacattga tggngangnt nctcatgttc ntnatcagca ctcttggagg 180
 cagagacnaa aagatctttg cngtgcaaga cctagcctgg tctacaaagc aagttccaga 240
 actaaacaga gaaaccctgc cttgaaaaaa acaaata 277

<210> 349
 <211> 276
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(276)
 <223> n = A,T,C or G

<400> 349
 gattacctct ccagcctaag gtgtggagga ccctgancat ctcacaggtg ctcttctagc 60
 ntnaacattn cnatgatcgc nttacgcgtg tcagatgggg gcctcaggnc ctctctntgg 120
 ctttcatgac aaacacagaa natgtccttg ctctctcttg cgacctgaag attcgagnna 180
 cgggntgggt ntcgttgncn nngcacggan caggcgggtg cttcatncna tgatatctgt 240
 gaaaacgcta ngtaaccttc tagaggagag gtgggtg 276

<210> 350
 <211> 276
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(276)
 <223> n = A,T,C or G

<400> 350
 gaactgagtg ctgagactgc agatgtcacc gtgtgcagtt tttntgtggt gtgctgagg 60
 nccccactcaa gtcttctntgc ttgtgtgcac tttacagtgt gctcaagccc tcagangtct 120
 gacgaagctg atttcattag tttcaatagt ggggttaagt tggccgcata tatacatata 180
 tatctttgtc atgtactgct ttccagggaa actttaagca aacatatttg tggccagttt 240
 acctcttcaa caacctctcg tagtcaaaaa aaaaaa 276

<210> 351
 <211> 274
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(274)
 <223> n = A,T,C or G

<400> 351
 ccacatgttt gtggaaanac attgcttaca atgtgaagga atggtaagat atgtggatga 60
 nnacanccat nccatngccc atnaacacat gaatattcan gaganncntt ctaaattggcn 120
 caancttaac aagtgtgat tcnngantcc ntccagtga cacccttacat acactanacn 180
 cnggtctnac tctcttcaat actcagaacc anantngact tagnccccca gggaacacta 240
 aagaangttt gcaaatataa tgactctgta aaca 274

<210> 352

<211> 271
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(271)
 <223> n = A,T,C or G

<400> 352
 gactgaggac ctgtctggnt gggaaaccggg ctcgncaccc gctctgctga gcagaacagg 60
 gcagtgtcct gaggaagggtg ctacggnttg cagtgggaga gctgtgggca tagaacccca 120
 gacctgtctc gaacctctgan cgctnngcat ggcacgagnt gattntcana gtcctggggtt 180
 ccttnncna ngatanngan nnnntnnccc tgaacncca ccanggtcnt tgtgaggctc 240
 cnatgggaca actaaataaa taaataaata a 271

<210> 353
 <211> 270
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(270)
 <223> n = A,T,C or G

<400> 353
 tttagactga gagccntagg agncactgag cncacagaga nggaatcaac aggttggttaa 60
 caagccacag atgctggaat cggaaagagc ancaaagact taactgttga gccatctctc 120
 ctgcttgaaa aattgttctt gcaactggga tcattncagt gtctctgtgg gtacctacta 180
 tatttttata ctgattttta tattattntc cagtgnagaa gcaactgtgt ttattatatn 240
 taaaagctat ttnaggaata agcatgttat 270

<210> 354
 <211> 270
 <212> DNA
 <213> Mus musculus

<400> 354
 gactgagatc taggtcagaa gctctgtgtct tccttctctca agcatctgga tcacagatgt 60
 gccctccact tttggattgg agttcattcc agatgcagtc aagttgacaa gcaggaatag 120
 ccatcacaga tggcaattcc tgactgggta aggggtctcat gtaagccaga cacttcaaat 180
 tctctctgaa attggcctta aaatctttac tctcctgtct ctgccttcca aatgttgaga 240
 atacaggaca caatgctgga aaaaaaaaaa 270

<210> 355
 <211> 270
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(270)
 <223> n = A,T,C or G

<400> 355
 ggcccagcag acactttctg ccgaagccag tcccaggcnt tgagnaantnt gaagatgagg 60
 tgaccttcng atcctgcgcg cgcntagagg agcccgcgtg ctctccccng cntcccccg 120
 tcagnacaag gttntcccc tnttgggtgt gtnncantnn cntgtgttn cntgngccc 180
 tcgaccncc tgtggagttg tggtttcenn tgtcccnttc cctgtcaaac aaaacaaagc 240
 catcagctct gggttggaat aaaaaaaaaa 270

<210> 356

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<211> 269
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(269)
<223> n = A,T,C or G

<400> 356
acaggtaatt ttcaccagga aancaagatt gnactgaaaa acctcanaaa aggaagcata      60
catannngca cntgtgctgn agagatgnan cancggnnaa gagcnctcac tgncttcnn      120
aangtcctga gntnanacaa cagcanccac atgggtgactc acagccatcc gtaatgagac      180
cggataccct ccttctggac agtctaaata aagacagcta cagtntactt atataataaa      240
taaataaatc ttaaattaac aaaaaaaaaa                                269

<210> 357
<211> 269
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(269)
<223> n = A,T,C or G

<400> 357
gggttccaaa aggtttttttt gggccttggg gaaaaaaggt tccccacttt aaggggaaaa      60
aaggaactta ccggtnggat taccttcttt taccaanggt ggaaaaaagg tccccaaagg      120
atttgaggna ccgggaaact tccaaggaaa ccaagggatt ggccaaccag gaaagggttc      180
gccaggaaag gaaaaacccc agggaaaccc tttgggattt aaattggaaa aaaanggcc      240
ccngncttgg ccttgggggg gggttgggg                                269

<210> 358
<211> 268
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(268)
<223> n = A,T,C or G

<400> 358
actgagggag gatccggctt gtgactcact cggacaaagc ttgtgtcttc tgccattact      60
gtaactgagt gcgtgtccgg ctgctgcegc tgagtggctc tccattaact cagccgttgc      120
ccacagtgtt aaccacttgg tatatattat ctnacttaaa cctcacaaca acatcctgag      180
ccagcaacga gctattctta ctttttttca ggncttattt ttttaatttt atgtttgcct      240
tgtgcccaca tgaataaaaa ctaaaaaa                                268

<210> 359
<211> 268
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(268)
<223> n = A,T,C or G

<400> 359
gactgagggg ctacagtaaa cactagaaca cagtcctct gcccactgaa ctctgagcag      60
catccaatgc taaaaccaca aaacacacat cgagagcagg ataagtcacc aacaccaacc      120

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104260"662660

<223> n = A,T,C or G

<400> 363

aacttgagtg	cctgatgtga	agcaaaactaa	gangtgaaga	cggcggtgnc	tccgggentca	60
cagtctgagg	aaccagtcen	tcaaagcagg	anggagagaa	ctnntnncna	gcacttacnn	120
natacntata	ctttaagaac	tgnaaaaaat	natcatgaca	gaaacngcct	gactgtcann	180
accnacanat	tgaatgtctg	ataacanggt	gcnengattc	ctctctcttg	gcanactcct	240
gnanacccca	cctggcccag	aagacc				266

<210> 364

<211> 265

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(265)

<223> n = A,T,C or G

<400> 364

tgagcatacg	taaaccgccc	cgctgtccac	ttcggcgggc	aaccagtctn	ccccagagac	60
accgggtactc	acccgctcag	ccacncannc	acccgcggct	ggggtcacct	gtggccgccc	120
ccnccaccat	ncacgatgtc	taccgtcaca	gtcacggctc	cgncaccgc	cntcacggna	180
agcccggtga	anaagcagag	gccgntntta	ccgaaggaga	ctgtcccagn	tgtgcagggg	240
gnggggtgngg	aacgcatcaa	ctgtc				265

<210> 365

<211> 265

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(265)

<223> n = A,T,C or G

<400> 365

ctggaccaca	agagctattg	cgtgtgggan	gctggatccc	tngtntcttc	cntcatnact	60
gntgtgnatt	cantganatg	gtgagcctnn	gtcagagctg	gnatnctgac	aacaaaagagc	120
ggagtcactg	caagaaacta	cttctaaaca	tgtccacaac	ccccctttct	tactaacctt	180
tttttcttgc	ctctgggttg	tggattagaa	aagagggtta	accatttaaa	aactctaaat	240
aaagtagggt	ttgaaaaaaa	acaaa				265

<210> 366

<211> 264

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(264)

<223> n = A,T,C or G

<400> 366

tagagcctgc	gatccncccg	tcccccgtnn	atccctggcg	cctgntcttg	cgccgggttnc	60
cctgnnaccc	cnctgcgag	gngccgtggg	cagtcagtcn	ggtaangana	cccctggagt	120
cttccccccac	ggcanagann	atcaccacct	aacacctcaa	actgagccaa	taggaaacaa	180
ctaaccctaa	atcccacccc	actcctaagt	tttataaagt	ccctgtccac	atggaataaa	240
ncgcacaagt	tattttcactg	agaa				264

<210> 367

<211> 264

<212> DNA

<213> Mus musculus

<400> 367

gactgagatg	gcctctggct	gaactgggaa	attgaccctt	tgtgcgaggc	tggtttgcct	60
gtccctggga	tctacctgtg	tccacacacc	agcaatgaat	ggggttacag	acatttatca	120
tttcatcagg	ttttttatac	agatgctggg	ggttcaaact	caggtcctt	atgttttcat	180
agcaagcaca	ataccacta	atagttctcc	ctagccctat	ttttcaagta	tgtttgtcca	240
aggttttggg	gttttttttt	tggt				264

<210> 368

<211> 264

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(264)

<223> n = A,T,C or G

<400> 368

tttggaata	atgttcactt	gtccgtcttt	gtttttacct	gcatatttag	cccctctggn	60
actgtagatg	ggctaaaanc	atcatgagca	tggttttatt	tnnggtcata	tnctttgata	120
ttacactcca	tatatctnct	gcatctatag	nnacgcaaaa	ngtntcnagg	ctccaagaat	180
gaatntgatg	ggaatgnacn	nccccctct	tttatatgnt	gacgtccaat	cnttaannta	240
ttngaccctt	gatcaaggag	tgct				264

<210> 369

<211> 264

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(264)

<223> n = A,T,C or G

<400> 369

gtctcattgc	acagctgggn	ctgncctcac	acttattaag	tagcccancc	tgacctgana	60
atccagatct	cttgccctcaa	ccttacaggt	ctaagcctgg	atgaaatcat	ggncttgaag	120
aatattcaag	aaacaggaaa	ggtatccaac	agactattaa	atgacagacc	accttcaaca	180
gtttcattag	ataaaggaaa	accattgtac	aaactatggt	attgttactg	aaaatggaga	240
aaataaaaaga	gccctatttc	taac				264

<210> 370

<211> 264

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(264)

<223> n = A,T,C or G

<400> 370

ggctcgatat	catccttcag	ggactcnaca	tcctcttctg	ctctgaggct	gnancgancc	60
cacccagcac	acacaaaaccn	gtcaaccctgg	attgcagcgg	cctcagctat	tcactaccca	120
ggtcctgggtg	gctgagcanc	accctgagct	tgntggaagg	ctgnagagag	atgcaatgca	180
tgagttgtaa	tnccctccgt	cnngntnana	gtantgtgag	gacacgancg	ttgctatccn	240
cnggaaggca	caggctctgag	atgc				264

<210> 371

<211> 262

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(262)

<223> n = A,T,C or G

<400> 371

gtggtgagca	gaggtggtgg	gccncgccna	ggaggtttgg	agagaagncc	atttntgacg	60
ccctagnan	agccccnnga	ntcaggagac	ngggtggtga	gggaggtcac	ctgagagggg	120
cacccacnnc	ntcacntgnt	gcatgttacc	cntgctggca	ganggccntg	ggaaggactg	180
ggacangtga	gcntgcccct	accagcatgg	cntggccctt	cctgaaggtc	aataaagagt	240
gtgaaactgt	gaaaaaaaaa	aa				262

<210> 372

<211> 262

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(262)

<223> n = A,T,C or G

<400> 372

gcctctgggg	aagccttaaa	tgtgaccaag	aaaaccacct	tttctaatacc	acgggtttcc	60
gggcccaacag	gctccccctcc	ggtttgata	gaggagctgg	tacagagttt	gatcagtgtg	120
caagagatga	atgtantgg	tgntgattgg	aatcgaggag	cnacaactgt	gatatacccc	180
catgcgtcta	gcaagaccag	acaagtagct	tctattttga	aggaatttat	tgaccagatg	240
ttggtaaaaa	agacttgtct	ga				262

<210> 373

<211> 262

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(262)

<223> n = A,T,C or G

<400> 373

ccttcccagg	ggcttagggg	aaagcatgcc	ttacagntgc	cctggacttt	cgggaaaagt	60
tnaggggaaa	ggggggcctt	gaaagnagaa	ggggnaggga	agaagttttc	ccaccagnaa	120
agaatnctng	ggaggggnagc	cttaaaaaagn	aatttttggg	tccaccccct	tgggggcctt	180
ttttttgggt	ggaggggaagg	agggaacccc	cccccaaaaa	gggaaggggc	ttccccagna	240
acccggccac	caagccaagc	ca				262

<210> 374

<211> 262

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(262)

<223> n = A,T,C or G

<400> 374

gtgcccccttg	cggcgccctct	ngngnncagt	gttttattgt	tgctgaacct	ggaactcaga	60
acctgtgcat	gcccggttat	gaggcgagca	ttnnnaanagn	ttgcagcant	gcacatcaac	120
ggnttggcag	ganntttntg	cgnacgcccc	tggtggagg	gttgggttaa	gaggttcctt	180
nctgnggcaa	caacgcttgt	aacgcncang	ctctcacact	gtggagggaan	agcggacatg	240

accancttcg gagttaaag gg

262

<210> 375
<211> 261
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(261)
<223> n = A,T,C or G

<400> 375
agactgaggg acaggactac tgggcatagt ggccttattg naagaagtgt gntataatgg 60
ggtcaggctn tgagggtncat tatgctcaag ctatgccag tatgacacac angctnctgc 120
tggtgtgga tctagatgta naactctcan ctntctctnc agcaccatgt ttacctgcac 180
actgccatnc ttctgtccat gatgataatg gactaaactt ctgaaactgt aagccagcac 240
caattaaata tttcccttta t 261

<210> 376
<211> 260
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(260)
<223> n = A,T,C or G

<400> 376
actgaggaaa ggcaggcaga gctatatggc aggagagccc gttgtcaacg cccagggtttt 60
ggagccggag gaacacgagc tggtcagcag aggacaggag tccgcctggg caaaagatgt 120
gtggaggcaa acagtgcaca cctttaatcc cagcaccag aggagaggc aggtgggggt 180
cgtggccagc ctggtctaca gagcgagttc caggacagcc agggctatac acagaaaccc 240
tgnnttcaaa accaaaaaaa 260

<210> 377
<211> 258
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(258)
<223> n = A,T,C or G

<400> 377
gtcctctggc gctggagaca ggactgctac acngagagcc cnngaagaaa gtgaacataa 60
aggccactng ngngctnctc ctggnctcctn cttctggatg ctctcctgg gtgctnctcc 120
tcagactgtt tccagnanac caggccctca ctgtccaatc catnagctct gcagttcatc 180
ttcagactta agcatanaaa tggatagatc ttactgaatt cgggggactg taaatctgaa 240
gaaccttaaa aaaaaaaa 258

<210> 378
<211> 257
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(257)
<223> n = A,T,C or G

<400> 378
 tgtagcatgg atcctanaac tggaccattc attgggnggn caccacata ggggcctttc 60
 ccccttgatc actaattgag aaaatgcctt acagtngaac ctcatggaag catttcctca 120
 actgaagctc ctttctctgt ggtaactcct gctgtgtcaa gttgacacaa aactagccag 180
 tacatcctgc taatcttttt ctccaatcct gatccttcta tttttataaa ataaaaat 240
 ataataataa tataaaa 257

<210> 379
 <211> 256
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(256)
 <223> n = A,T,C or G

<400> 379
 aggtgatttg gcttctgcct gttangtagg agcnccttc cgacgggagg nnagcgctgn 60
 tacnccnct gtgnactnac atatactttn agatgatcat cagcccacat accctgtaac 120
 ttataactcaa acatgggang gannngtnaa gtgcttttat aatacacatt attgttaaaa 180
 gcaaggattg actcttttgt tttatattga catggcatgt cctgaaataa atatcanttc 240
 aatatgaaaa aaaaaa 256

<210> 380
 <211> 255
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(255)
 <223> n = A,T,C or G

<400> 380
 cgagtccac attgcntatc caggaccaaa gctgcttgan aacngatagg ncgtgtcttc 60
 angaaagcta acanagaatn ttngngatg gancttcaag gcaacaactg tgnaaaagtc 120
 acngnngatg ctgcttactg gcttgctccc atggcttccg gtcgnatacc acctgnaacc 180
 acctgcccag ttctttancca cagagtggaa gcctcananc tttactactga cattgggttc 240
 aataaaagcc tcata 255

<210> 381
 <211> 255
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(255)
 <223> n = A,T,C or G

<400> 381
 tacacgtggt agccgnggct tgtgccagta tctgaggaca cggcatactg ncaagatcgt 60
 tganntacnn accctttaan ncctcacaaa catcaagatt nnagaggagt ctcnnagnnc 120
 tagaacttct atgacactgt tggcttcagg aaaactganc acttcaaagc ccattgctaa 180
 ggacccttat ttgccaaaat tgtgatctta agcangctga ccctnnnttt tgcccatcgg 240
 gactattaac aatac 255

<210> 382
 <211> 255
 <212> DNA
 <213> Mus musculus

<400> 382
cagactgaga accaggcatg ctcacgggtac agacacaaca cttgttgctc ttccagagga 60
ccttggtctg cttcccagca ccccatgga gactcccaag cacctgtaat tccagtcca 120
ggagatccag tgccatctgc cagaatttaa gggtcgcaag catacatctg gtgcccctac 180
acgcatgcag gcaacatact catatacata caataaatct aaaaataaag aatcagagaa 240
ctggaaaaaa aaaaa 255

<210> 383
<211> 255
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(255)
<223> n = A,T,C or G

<400> 383
agacttgagg gcaggcanca ggaacatgtc taatggntgg gtggatatca agaaaggaga 60
atgcttttct ccaaactgag cacagagccc cgcattggtg tgcttgctg taatcctagc 120
actcaggaga cagaagcccg agaattccta taagtccgta atcagtctgg tctacacagt 180
gacttccaag ccaggactac atagagatac cctagctcaa aaaagaccaa tagaatacaa 240
tggaaaaaaa caaaa 255

<210> 384
<211> 255
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(255)
<223> n = A,T,C or G

<400> 384
actgagatcc gctccgactc ttaaaccagn nnctcagcca ccggagaaaa ggccggagaac 60
cattgaggat ttaacaaat tctgcagttt tgtcttggcc tatgctggtt acatcccccc 120
tagcaaagag gaaagcgant ggccagcctn tggtcttagc tctncattgc gaggtgagag 180
tgcagcacac agtgatggct gggactcggc cccgtcggac cttcnaacta tccagacttt 240
tgттааgааа gсaaа 255

<210> 385
<211> 253
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(253)
<223> n = A,T,C or G

<400> 385
gactgaggtc cttaatgaga tgaacggttg gaaganatgt caaatatatt tcagagctct 60
ggagttgaga atcaccttcc cgaaccaaag tccccagcag gagggaatga aaagtcaaaa 120
gacaaggaag aaccctggga aatggtgatg gacaagaaac acattcaagc tgtgncggcc 180
gcccaattac aggcaccac ctttaccagt accgagtttt tggaacatac acagatgtga 240
ctccccgaca gtt 253

<210> 386
<211> 253
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(253)
 <223> n = A,T,C or G

<400> 386
 ggcctgaggt atagcctggg cagaggccat canttactct cttgctggaa ctctcaacgg 60
 ncggacagga agcatgnat ggtctccata tatctacngn tggaggacgg cgtcatggag 120
 nngggtantg nnaccagcag aaggccctgn tggtcccttc caatgatgga ggggaacata 180
 aaatgtcttc ctgaagaccn gcngagtgcg ggnggggtgg ttataggaag aggaaagtgt 240
 gacaaaaaaaa aaa 253

<210> 387
 <211> 252
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(252)
 <223> n = A,T,C or G

<400> 387
 aaagactgag gtgggttttag ggctgaggnc atagcctggn cagaangcca tanttacttc 60
 ttgtgggaac ttctctanag gatctgggac agggaagcan cggcatgtgt tcgcatacct 120
 anannagcca nacacagaag cncctttcta ctggtaccag tagaattatn cggcggaat 180
 ngggtgccct ccccttcct tcataactgg ngtcgcaaca ataaaatttg agccttgatc 240
 agaaaaaaaa aa 252

<210> 388
 <211> 252
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(252)
 <223> n = A,T,C or G

<400> 388
 gacttgagga tacaanttct tcaggtaactn gcttcagcac cntgtccaca gtentgttct 60
 ctgccacng gaaaatgaac ttaaactca ggacagnnga gcggcacacc tttaatccca 120
 tcaactcagga ggtagaagag ggtctccgtg agttcaaggc tagcctgggc taaaagcaa 180
 gttccaggac aaccagggca tattacacag agaaacaacn naaaccgaag aaataaaaca 240
 aacaaacaaa aa 252

<210> 389
 <211> 252
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(252)
 <223> n = A,T,C or G

<400> 389
 actctgatga accaatncaa gatattnaag atcntgggtat ttccccaggc agggnttgag 60
 agtctcatat atncatgggc ctccaatntg ttaagggtatc nagaagatag accantgaac 120
 ttctaagtct canggcctct aacntccaaa gtgcgtggac ngaaggngtg gtacnagnng 180
 agctaagtgt ttgatcttta ancttaccga gattcactta ccccttcctt ccctactgta 240
 taattaaag tg 252

<210> 390
 <211> 247
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(247)
 <223> n = A,T,C or G

<400> 390
 gtactataca cctctaattcc cangaaacaa aggcaangag atctctgtgt ttaagggtcag 60
 cctgnaacaa aacaagtccc aaatccaggc atggaggaat acacctttta tctnaaccat 120
 accttctgct ggagacctac ataaggacat tagnaagaagg aagattcact nttnttgncc 180
 tgctngcatt tacttgctgg cacatctttt anaatctact tctacanaag acgagctaaa 240
 acaacta 247

<210> 391
 <211> 247
 <212> DNA
 <213> Mus musculus

<400> 391
 cacgaaagtc acagatgaaa accaagggag gctgcatctc gaggacttct tccctacagc 60
 aatgagactg gctgagtgtc tgattcaatt aagcccaccc tagtctggag agaacctaca 120
 ccacacagcc cagtgtgtct ctctgggtccc cgctgtaccc tcaccagcac taatcacaga 180
 catgtcacca tgcccacgcc acccgctcgc agaattaaaa tcaaatacct actgttataa 240
 aaaaaa 247

<210> 392
 <211> 246
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(246)
 <223> n = A,T,C or G

<400> 392
 catcccatat ctgacacccc ngggaatncc tgcncatga aaaacacccat acccaacctt 60
 actgnggcna tgcaccatac atccagagag tttgnggacc ctcaaanatg ntctctctnn 120
 ancangagcc agaaacccgg naagaactgc atggagagaa agagacggga aaaanngggg 180
 gcggcgacag ctggangtgg ngacagagct ggaaatgtgg naccctctcn ctgatcccaa 240
 tgctca 246

<210> 393
 <211> 245
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(245)
 <223> n = A,T,C or G

<400> 393
 tgagaaatcc aggttccaca tccagancta catgtacgan gtggagagat ggctagtggg 60
 taagagcagt tgctgtctct tccctgaggg cctgagttc agttctcggg acntcacaga 120
 ggaaggcctg tagcctccag ggagctctgc catctctggt ctctgtaagt gcgcccactg 180
 atgtgcacat gctcaccacc catatgcaca gaactaacca caataaaaaa aaatctttaa 240
 aaaaa 245

gtgggctttg atnccgtggn nctaactgcc tggaaaccag tgttctccta gcaggccttc 120
aggatgaaga tgtagaactc tcattctctc ttgcaccatg cnagcctgga ccataccatg 180
cntcctgcct tgatgataaa cctgtaatcc agccacaagt aaagtttgtc ctaataaaaa 240
aaaa 244

<210> 398
<211> 242
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(242)
<223> n = A,T,C or G

<400> 398
agaatgaggg gaggagtngt agtcttcccc tccccccgcc tgaaacctga nngntcgggg 60
tggagccctc nctgatcatt tcgttctgcc acgcccacnt gctggaaccc tgaggagcca 120
cacactgtgc acctnttcta cctggaccag anattatttc ggcgggaatc ggttccccctc 180
ccccctcctt tcataactgg tgtcacaaca ataaaatttg agccttgatc agaaaaaaaa 240
aa 242

<210> 399
<211> 241
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(241)
<223> n = A,T,C or G

<400> 399
gactgagaaa ggaggnccggc cagntcctcc tgccttcttg nnatgtangc attgcntngg 60
naagcattgn tngagagatg tgctagnгаа ccagnnagtn tgganggcct gctgtataac 120
tgtttcttcc anaaaagccc taacaaaggg atcnttaacg ttttttttcc tccttctacg 180
ttttccttgn aggctatcag cctttgtata atgaaatgtg agctntgctt tgtttaaaaa 240
a 241

<210> 400
<211> 241
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(241)
<223> n = A,T,C or G

<400> 400
gacttgagaa tctgctttct nttgacaaaa ctnttgagct tntgngcggc ctcanacntg 60
cntcgttctt tannggtacc ntacacnttc cntgccctcc tcttcttacc ntacccacac 120
agtaggactt caaggaacag ttccacagca ttncgtgtga tatgctatct tgccacagnc 180
canaanacac aaggtgaatn aaccatggat taaaggctcn aaaaccatga gccaaaatta 240
a 241

<210> 401
<211> 239
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<222> (1)...(239)
<223> n = A,T,C or G

<400> 401
gtgctctccg cctcctgcct acntgtttga aatgtgaaca tctcaacctc tgctgctgtg 60
ncttcactct gccgctgtgg actccnactc tctgaaaatg gattcangca ngctgccatg 120
catggcattg ntcacatggg cccactgggc tctctgcctc ctgcttgctg tgtgagatgt 180
gagccctcac ctgtttntgc cagctggggc tttgtcctgc catcatggag tataggttt 239

<210> 402
<211> 239
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(239)
<223> n = A,T,C or G

<400> 402
gagctgctgg gacctgaacc cgggacctng tggaagagca gacnancgct ctcattccact 60
gtagccatct tgctcagccn cctttntttt gttttnaata accttagang gacaggntct 120
nantatgtn gcaaccattgg ccttgcaat catataaanc ttgaggaaac atctggagna 180
cattgaaata tgcttcacaa agaaacataa tgaataagcc tgaagttaat aaaaaaaaa 239

<210> 403
<211> 239
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(239)
<223> n = A,T,C or G

<400> 403
catgtgcttt ccttagcatc ttggggtnct ctaangttct acctgggaaa gaganacttt 60
gtaccgaatg ctncgtcact caccangcac gtgtgncgta aatcacccgg ntaaagccag 120
gaattncatn tagncangng anagatgggg anccccangg atgattttnc caaaacgana 180
ggcgancngc attgtntcnt gcgaaaggtc caggcccentg gtnaagaagg gcttcaacg 239

<210> 404
<211> 239
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(239)
<223> n = A,T,C or G

<400> 404
ggacacagga tgaaanatan ttacatcagg attacagcct ctacangang accatgcntt 60
naacaactan cctngnggga ctgaacanct actagatttt tggacttccc gtccacagnn 120
gcncattgtt ggggagttga nctgcancac atntgttgna acatgtgngg gaaatgttgg 180
ggnacattta catctacatg tatactctta cacacgtgca caaacgggaa catgtacac 239

<210> 405
<211> 237
<212> DNA
<213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(237)
 <223> n = A,T,C or G

<400> 405
 gtgcggggcgt actcactccc ngntantgcac tncaggcctc cggccttcnc tngntacntg 60
 aaagananac tacaccttca tganaagtaa cttaattttc ccagtgcagt ctgganagat 120
 atcttagcaa ttaananatg cttgctgttt aatcatgagg acccaagttc agatcctagc 180
 acccatgtaa aaaacattca cctcacaaat gaaataatct ttattcaaaa aaaaaa 237

<210> 406
 <211> 237
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(237)
 <223> n = A,T,C or G

<400> 406
 aaactacaga agctggggac tngaattata cctntancan ngattgcctc caaatnacnc 60
 acngacnagc ctnattcacc agaacaacca tgaaccagta aactgnnntt aggtctgcag 120
 gacacagcaa ggaaacatcg agtgcttgac ttttccttcc agcccagcca gggagacnng 180
 tcatccttga ctcanaagag actcactaat taataaaggn ggactcaciaa cttccat 237

<210> 407
 <211> 237
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(237)
 <223> n = A,T,C or G

<400> 407
 acttatgact ctcccactga agggcacctg cccacnctng tgactnngag ngnnctnacc 60
 cccacaagg cttcatgtta aaatgcttag tcaccaggga gtagaactca ttgaaaggac 120
 tttgaaagac gaggaggtat ggcccttggt ggngaaagta tatcattgg gcatgnctag 180
 agattttaag agcacatgtg cctctttgtc tctccagaat ggatcaggga tgtaact 237

<210> 408
 <211> 236
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(236)
 <223> n = A,T,C or G

<400> 408
 gacttgaggg aggagatgta gtctcccata cccnagcgct gagacctggn tgctcggggg 60
 ggaganttct cngntncgtc gttctnacac agccccntgc tgnctgctga ggagccacac 120
 acgtgcacct nntcnctgg accagagacg tnttcggcgg gaatcgggtc cctccccct 180
 tccttcataa ctggtgtcgc aacaataaaa tttgagcctt gatcagaaaa aaaaaa 236

<210> 409
 <211> 235
 <212> DNA
 <213> Mus musculus

<400> 409
gactgagagt caagccccgg tgaagattct gtgacgggtc attgtataat ttatgatgat 60
gaagattgag ttgcattttg cggaaaagag atgtttgagat atctaaggca ttgagaaatc 120
tgtcatgcag acatgcacac agggagaggg agtaccctaaa ctgatgagaa cttacaggaa 180
ttggaccatc taagccctta gaaagtgaag tccactgtgt ctcaaacaaa ggatg 235

<210> 410
<211> 235
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(235)
<223> n = A,T,C or G

<400> 410
tgacccaagc agagatcatc actgaattca attgcatana ccatctcaag gtgcccattg 60
gactcataaa catgttngnc ctaaacttca tgnccctctgn gaaacagggg ngatngagcc 120
tcattacaaa agccctaatt gcaagcccgt ntgcagnnga agacaacccc gaccancang 180
aggaaactca ncctnaggat tccctcctgn ctaccactga tggggcccta cccac 235

<210> 411
<211> 234
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(234)
<223> n = A,T,C or G

<400> 411
cagactgagg tgggggtcttt cagtctcaca taatgaaaag ccccttgaac ctgagaatct 60
gggaacgaga cgtgctgtcg tcagctctac ccactcacag cgaggccac ggaatcagca 120
agttcatctt cagttgggca gctgcttggc ccgtcagcgt ctgtcctcac ctgctcttgg 180
ntccacacca tggggccacag gcanaaccag gattggcctg aaaaagccag ctgg 234

<210> 412
<211> 234
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(234)
<223> n = A,T,C or G

<400> 412
aagtgaacta gctgacttag antccttctt ctttgccctt cagcagttcc tacgggtcttc 60
cagagcagcn tttgccagggt ntgagggagg cgtttccttt ggtgcntggc gacctgcgcn 120
ccganccctc aggtgttctg cctgcctgcg cccacctcc anccacngcn gtggaangtt 180
ttnatccttt tcttttcttt acataaacat taattttgta cattaaaaaa aaaa 234

<210> 413
<211> 234
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(234)
<223> n = A,T,C or G

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<400> 413
ttcgtcaggg agggantgag acccctcttg aaagtctntat tgacntttct tgaagggtnt 60
ttttcagcca gtttgtaaaa taaactttac nttaatcctt ttctttcccc cggactntgn 120
cattaaagcc tttaaatttt caacaaattg taacacattt atttaggaat tanagttgga 180
tgtacttttg tatattaaag tccatatgtt ttaagccctt atgtaaaata tgaa 234

<210> 414
<211> 234
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(234)
<223> n = A,T,C or G

<400> 414
gaccttgaac atgggcggtg cctgtgagtg ctggggagga caacgatgag ctcatgtgata 60
acttgaagga agcccagnac atccggacgg acttagtaga gcaggctttc cgcgctattg 120
aacaagcaan aaatgatctt gaagaatcta nngaaaatgc atacnnagac tnggcatgga 180
aacatggaaa tantcatctc atcagcgccc ggtgcntnta cctctggagg ccga 234

<210> 415
<211> 233
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(233)
<223> n = A,T,C or G

<400> 415
ttagtatcaa ccacctgtca gggaagggtt tgnctctag cacaagccat gacagctttt 60
gcagnctgcg gagtgccacg gtgcntgcgg cnccttcttg ctagatgagt ccctgattnc 120
tgagcaaaacc aaagnggacc acttctgggg tctcgatnan natggggacc ttaaggggtg 180
gaaatttaaag ctgccactca gggaaatggt gaactggcag cagaggtggc aaa 233

<210> 416
<211> 232
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(232)
<223> n = A,T,C or G

<400> 416
gactgaggtg gggctctttca agctgtcatc cagtctggtt tagccgcgcc aagacttggt 60
cctccgcaag catcaaggac tggctctttc gctcatcttc ctccccgaa ccatgcttta 120
agccagcttc tcgctcccc gcttgccagt cttgtacaga aggggtcccg tgcaggctcc 180
atgaatagtt agagaagctt tggatctacg tgnnaaaagg gcggcctgtt ac 232

<210> 417
<211> 232
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(232)
<223> n = A,T,C or G

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<400> 417
aaccaatcaa acgtttctagt ctntcncgag tcctcctttc taagccnaat agtcnacagc 60
angtnttcaa aatatttttg atnntgatgg atttttgtat ggattttttt cctaagggtgta 120
ataaaatgag gacgaatgca tgaacaaggc ttatgaaaaa taggacagag gtggctcanc 180
ggntaagagc actgactgnt ctgccagagg tnccagagtt cattcccagc aa 232

<210> 418
<211> 232
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(232)
<223> n = A,T,C or G

<400> 418
acctgactac ttgttcncgg ggggtagnct ggngtacacg gcctcagcga gtccgtagnc 60
cncgcnnngct tcntctggag ntccctgngt tcccttcccc gccnccccac tgggtggcctc 120
ccnccctct gtaantgggn tccngntaca cctcttctgg tgtgtctgan nncagccaca 180
gtgtgtctct ntacataaat aaataaataa ataaatcttt aaaaagaaaa aa 232

<210> 419
<211> 232
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(232)
<223> n = A,T,C or G

<400> 419
atcaatcaca ctgcagggca ggccctatnc tcaagatatt tgtctaacat caaananaac 60
tcagctgant ggatgngctt tgctctganc tacccttgcc cnntanagg gtnnctntga 120
naagccctgg ttgtcctgga acactctctg tagaccaggc tgcctcgaac ctacagaga 180
tctgtctgct tctgcttctt aagtgtgaga ttaaagacac gcgtcaccac ca 232

<210> 420
<211> 232
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(232)
<223> n = A,T,C or G

<400> 420
gaactgaggg aggagaagta cacctccctt cccccaccct gaaacctcgc tngcncnngg 60
ngnggagntc cntgatcatt cnnnctgnna cgcenactgc ctggaacctg aatgagccac 120
acactnnccc ctttctantg gaccaganaa tattcacgtg ggaatcggnn cccctncccc 180
ttccttcata acgtggggnc gcaacantat aatttgagcc ttgatcatga ag 232

<210> 421
<211> 232
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(232)
<223> n = A,T,C or G

662660

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<400> 421
ctcatctcac accatgtnaa cacaganatg acggtcctaa ccagnaacag aaaagaggac      60
atgccaggca tgggtggncac agntgccnca gccggcaggc aaagacaagg tttgaaaacc      120
cttgaccatg ctgtgcttag aggcagcttt gatgctaagc ttttatttac ttttctgtca      180
gtcnaacttt ttggatatgt aggnntgcct tctgacatta acttaggggg ag                232

<210> 422
<211> 232
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(232)
<223> n = A,T,C or G

<400> 422
gactgagttg ctactgtgat tcgtcagcat gggccacagg catggggctg gagagatggc      60
tcactgtttt aagagcactg gctgccgctc ttgcanagga ccaaccagtg ttcaattccc      120
agcacagaca tggaagctca caacggtctg caacatccag ttccagggaa tctgacaccc      180
tcacacagac atacatgcag gcaaaacact aatatacata aataaaaaata aa                232

<210> 423
<211> 230
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(230)
<223> n = A,T,C or G

<400> 423
gactgagggg ggagatgtag tctnccctcc cccaacctga ncctgcttgc tcggggcgga      60
gcnnnctgct aactcnntnt accacgccc nctgantggaa ctctgangag ccacacacgt      120
gcacctttct actggaccaa gagantatct cgggctgnga atcggnnctt cttccctctt      180
tcttcataa ctagggtngn gagnaataaa atttgagcct tgatcactag                230

<210> 424
<211> 229
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(229)
<223> n = A,T,C or G

<400> 424
actgagagca gcatgancgc ccgggtattc tcccagctgc aatcacggng tntgtttcct      60
gaggaggagg aggaggcana angtgaanag ttgngcnatt actactaggt ccagatctct      120
gctttgcang tgtgggcntg tggacagagc cctgtatcct tgntgtctat aaagcccgga      180
gaagactgga aaangcgagc agggncctta catggattgt tttaaggct                229

<210> 425
<211> 229
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(229)
<223> n = A,T,C or G
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<400> 425

ctgattgaag ggaattaggc taccaagcaa gtncttttct ccaaaggccg gttacgtgga	60
actcagctgn tcaaacccca taaaggaaag gcagttcgnt tgntgaagg tagaagacag	120
aaacaaggtn agnagcaaga gcctangcct ggncacaaat gcatccnaag ccgnaagagg	180
ccagaccct nttgaggagg gntccctnt ntccagtcca aagagtacc	229

<210> 426

<211> 227

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(227)

<223> n = A,T,C or G

<400> 426

ctccacaggt gtacctgaga gacttntgta cacacacaca nataaataan taaggcangg	60
ccacgtggta ggcgaggagtg cacttttna tctcannnt ttanggggna nanacagcag	120
ttcaaggccc tcttggtnta catagttagt tccaggccan ccagggtac acagtacaac	180
cctgtcttgc aaacaaacna accatcaaata aaataaataa aacaaaa	227

<210> 427

<211> 227

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(227)

<223> n = A,T,C or G

<400> 427

atatctggcg aagaggaagg nggcccccca agtatagcac ctgggagcca gagnagcaca	60
tcnggganctn tngccttgn cctccccctnc ttcgatcggt caacctcttt tgttcagtac	120
agggtaacgt tgaagctaata ttgaacctac ntggatatct gactggagcc gcaganncan	180
gatcttgnat tgcttnttac ntgaaacaca gcattggaatt aacatta	227

<210> 428

<211> 227

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(227)

<223> n = A,T,C or G

<400> 428

gggcccagacc tgaagccagg gacctctggc actccttnnc tgngctgtct tctggccttg	60
ncacacctgn ntgcctgtgt cacaatcttc canngcanca aggnanagcc attcgtatng	120
canatnccn anaanatcan cgtantactc taanatncgt gaggacatga aatagcctta	180
ccaattgcac ccggtataac caatactcta aaaattacat cactaaa	227

<210> 429

<211> 226

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(226)

<223> n = A,T,C or G

<400> 429
 agatattgac acagttactt tggaagtata acngcattgt tcgctttnaa naatctctta 60
 ctnacaacgt naacngngac ttaanggttg actacaactt nattctnggn gggggctagn 120
 cagcgccggc ccntctgaac aancnggggn naggcntggn ctctgagatg aggatggagc 180
 ctaantgggt gccactcctt aaggaaccna tcttaacaga aatata 226

<210> 430
 <211> 226
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(226)
 <223> n = A,T,C or G

<400> 430
 taccatatat aggaagcctn gatgaatnga gccgnccant ggggcatccg gaacgcgctc 60
 nttaanacgc acactctgng aaattacacn atcntctctt gccttcctgc atagagcgtg 120
 agatnnanan gctccgtgaa cagtggcgca cctccgtgaa agagaagggg acggagtcnn 180
 aancacccan ataatgannt tttntttata aagagcaaaa agcttg 226

<210> 431
 <211> 225
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(225)
 <223> n = A,T,C or G

<400> 431
 ggacgttttag gtgacttcag caacacagct ttcctctttg ccaganaagc ggggttgccn 60
 tctttctcaa gcgctcgaag agnntcggga agcntggaga aaggaaaatt ttccaagtaa 120
 ataataccca aacaaaagaa gtagaaaatt taaaaagtgc accanaacaa aggaataagg 180
 aattataaac tagttttaat tatatcanca ggaagatttt caaat 225

<210> 432
 <211> 224
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(224)
 <223> n = A,T,C or G

<400> 432
 cctcccttgc atccaaggca tatttctctg agaggccaag ggcacttgga tacttgctga 60
 ctacatactt tccgctccag gccaaagtct ggaaccatca tcctctgaat ggacagngac 120
 agatcagcct atgacatttt catgtgggtt tatgttataa aaagccaatc caaaagagcn 180
 ngacgtgatg aaganagagg antgcanaaa ccaaatttga gacc 224

<210> 433
 <211> 223
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(223)
 <223> n = A,T,C or G

<400> 433
 actgaaaatg gaggggcatg aggccatgga acggcgtgaa aatgttagca cgtgntcaaaa 60
 aggaaanatt cntatcatnt tgaggagccg ggatgagtta nntantannc aagatcggca 120
 gnggtcntga anggttatga agagaaactn aatgngnttt tnnntcactc atgncatacn 180
 gcaacagaac ttgttnga at gcccggccaa aaaaacatca atg 223

<210> 434
 <211> 223
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(223)
 <223> n = A,T,C or G

<400> 434
 gactgaggat tcagggtatg gaaatggana ggttcctgan gaanagaagg tccagcgaca 60
 ggcccanaga gggatccagc tcaagaggag gttccaaggn ctgacactac tactgagggg 120
 ttggagtgtc caaaaaang gacctatcat gactgtntctn caaaagaccc aacaagcagn 180
 tgaaaaagtc actaagcatt tatttgcacc caaccaatgg aca 223

<210> 435
 <211> 222
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(222)
 <223> n = A,T,C or G

<400> 435
 tgcaatttcc attaatngca tagtgcnagc tnnnaanncca ggnctacacc atatcacgcg 60
 gnntcctggg acttacagng ctctgggtgac cncntgggc accaatctac atgtggggcn 120
 aagatgcang caaaacactc ntgttcatgc agaaaccncc tgntcccacc aagagttctt 180
 acccaccaac cngaatagat ntgnttcata ttttctcctc aa 222

<210> 436
 <211> 221
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(221)
 <223> n = A,T,C or G

<400> 436
 acagctaccc ctcccctagc ctcatanctn nttgntngng gtgnagcgta tnetgtctcat 60
 tcagtgtnta ccacagccca ctgatgnanc ctgaggagcc acacacnng caccgtttct 120
 acatggacca gagattattn ggcggaatc ggggtccctc ccccttcctt cataactagn 180
 gtcgcaacaa tnaantttga nccttgatca gaaaaaaaaa a 221

<210> 437
 <211> 221
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(221)
 <223> n = A,T,C or G

aactgggtggg acaacactaa aatttgagcc ttgatcaga

219

<210> 442
<211> 219
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(219)
<223> n = A,T,C or G

<400> 442
gactgagatt agtggagtag ctctgntcca ccatgaccag gtgggctaga gttactactt 60
caaataagtaa gcgacccttg tcagcaacat catggggagga catgaagaag gggctctgtg 120
agagagcaga ccaaagcctt ccaaatacga agcagtgtca aagcagtagg ctgcccctta 180
gaaatgactc acctcaagca aaacgcaaaa agaacaaaa 219

<210> 443
<211> 218
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(218)
<223> n = A,T,C or G

<400> 443
agggagaggg catgtccatg cctgggcntt ggtggaggag gaccggaann naattcntag 60
gngccgnatg gctgntntna accgtccaag attttagtnn acaggaattg ggcgccctct 120
nntggcctnt gctggcactn gcaccanaag taccctnang agcccctggg gctgacagna 180
cagttccctg tctgatctgg gagtatggga ggaaagaa 218

<210> 444
<211> 218
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(218)
<223> n = A,T,C or G

<400> 444
agactgagcc cgagatgacc aacaanttcc ttctgaaacn gccgccacct gttctntccn 60
gcaagnngnt ggccatgcgt gagagacca cagccttgcc catccatccc cgccttccga 120
ggtttcaant cctcttaact cctgtcttcc ttttctgccc tcaantccac tctcttccca 180
ccctgataaa ccttgttctt agatctgaaa aaaaaaaa 218

<210> 445
<211> 218
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(218)
<223> n = A,T,C or G

<400> 445
gactgagtgc aagatgtaca cattgttctt gtttcttacc aatntgcctt cncctctgcn 60
ttgtggacng tggccctctg gaacnnttaa gcccaantaa atcccttcnn tggacaagtt 120

gncttgntca tgttgttgta tcacagaaac aaaagaatgt aaccaatata accacctgta 180
 taaaataaag gtctaactac acattcacia aaaaaaaa 218

<210> 446
 <211> 217
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(217)
 <223> n = A,T,C or G

<400> 446
 tcacggcaat gaacattntg tgatgatgat ggggggacag aanggactag cgtgtgacac 60
 actgngacac accgnanctn ccacgttgng cagnnannntn agaaagctaa nggctacttg 120
 gagtgggtcaa gtccaaagcc agtttgggct atgtagagaa ttncagacca gtcagagcga 180
 cacagtgaga tccagggtca ttacaactct gaccacc 217

<210> 447
 <211> 217
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(217)
 <223> n = A,T,C or G

<400> 447
 taaccatgat ggctgacact agaccgcgta agtatagaca gctatcaaga tggacagcaa 60
 ggtnaggccc tgacttagtc tgcattcctga caaccgccag gcgacctgac agtgaattca 120
 gacagcactc tgagcactct gtggctgttt agcctccagg agcttgcaga tcctacttta 180
 aatacattag acatccatta ctatcagaaa aaaaaaa 217

<210> 448
 <211> 217
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(217)
 <223> n = A,T,C or G

<400> 448
 agactgagtc atgacagggtg cagcaaccac gcccgctecn tcactactac atgaacagca 60
 acaccagcgt cccctgaacc agagtcacac tgtcttgaac ctcttgact cctgggtcca 120
 ctgcctagat ggggcccacc ctgtagcagg tgctcagggtg cacacaggcg cagcacgaat 180
 gaataaaatg aatgaaagaa cctgcacaaa aaaaaaa 217

<210> 449
 <211> 217
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(217)
 <223> n = A,T,C or G

<400> 449
 aatagagcgt cctgttacna gcagaggatc ngatgctaaa attacntttc caggttggtt 60

tcagacgaag atgtagaact atcagctcct nntgcnnecat acctgcntgg atgcctgcc	60
tggtcccaac ttgatgataa tgaaccgaac ntcngaacct ggaagccagc cccaattaaa	120
ngttgnccat tataagagaa ngggaaanga atcnttcgag nngngggccg cggncnagga	180
catnccgcga aacctagggg gggttgaaaa taccga	216

<210> 454
 <211> 215
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(215)
 <223> n = A,T,C or G

<400> 454	
gaactgaggt gcgagtggac cgtccgngct ggaccnccgc ccgctctatn catccccgagc	60
ggtcaaaaagn cccccgttcg agagggggtgn cgtgcccccc ctattggagt ccnanncgag	120
aggctcgagg ttgcgttant cttgcagctg gnggggntct ggnnatccac tccttntccc	180
acggaaatga tctgcaactg ttaaataaag cattt	215

<210> 455
 <211> 215
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(215)
 <223> n = A,T,C or G

<400> 455	
gggcttgat gagtangtgc tcatncaatn cgtatagcac gtgacctgct ctnnntaagg	60
nnccgagtgc gaattccagn cagnccacnt ggatgggnntc acanccatnc atattgagat	120
ctnagccct cttctagtgc tgncatgaag acaactacag tgtacttaca tatgatacnt	180
aantcttttt aaaaatgtac cgctagaacc atgag	215

<210> 456
 <211> 215
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(215)
 <223> n = A,T,C or G

<400> 456	
aggactgacg tatagccngg ccagaggcca tantnactng gttgggggaac ttcnnagagg	60
attggacagg aaacagccna tangctngna acnntganga gccacacacg ngcgngttt	120
ctacgtggac cagagattat tcnagcaggga atcggggtccc ctcccccttc cttcataact	180
ngtgcagca acaataaaat ttgagccttg atcag	215

<210> 457
 <211> 215
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(215)
 <223> n = A,T,C or G

<400> 457
agactgagta ttggctggca cccgcaaaaa cccttgcagn ncacanggag ctgngcaaca 60
ctggacctcc nnnnaccttt gtnnttttgt nntaanntct tntgctgaag cgccatgtan 120
actcaaagaa gaaataacca cgggtatacgn acttgacctt tatntttgaa taactgcanc 180
cagnatgaan ggctgtatta aaagtggatt aaagg 215

<210> 458
<211> 214
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(214)
<223> n = A,T,C or G

<400> 458
ggtgttcccc caggttnttt tttggtttnc ccaaaaaaac tttaacctta aggtttgggg 60
aaaaggnaaa nggtgcccc tccccnctn ntggcaattt nccccccann 120
aattccttgg gccttttttc ccccggggnn ttgggggggan ccnccccaa aaccctaatt 180
ttnggggggg ggtttcnntt taaaaaggaa aaaa 214

<210> 459
<211> 213
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(213)
<223> n = A,T,C or G

<400> 459
gttgcttttg tgtacaccac attggctgaa caattcctga cactcctggt ggtgctgct 60
atcgaaaaag actatgggta ccagactgat ttcacccaag tatggaacac tacaatggaa 120
gagttgcatt gctgtggctt taacaactac acagatttta atgcctcacg tttcgtcaaa 180
nagaataaag tcttcccccc accctgttgt gcc 213

<210> 460
<211> 212
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(212)
<223> n = A,T,C or G

<400> 460
tcatgagtac atagaanagc ttaataaacc acatttnata ntanctgatc ctgncttttc 60
agaataneng aaatagnnaa tcctgtntt gtatacccaa cacctaccnn gcanaacaga 120
atcatatnat tccacaatat taccacatta atcaagtng gtgntcaacc aaagaaattt 180
tgagacatta ngatctttaa tttttttttt at 212

<210> 461
<211> 212
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(212)
<223> n = A,T,C or G

<400> 461
 caaaggaagc cctgcgannc cccaactnag ccacggagcc gntggngtca gcgcganccc 60
 caacctcanc cacgangcca ccgcagcaan ggctcgctgt catttcanaan gtcgttgagc 120
 gccaagccct tgccattctt aggcattgcaa tccgggaaag ccaggcacac agtaggtgtt 180
 caataaatgc taaaagcacc gaaaaaaaaa aa 212

<210> 462
 <211> 212
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(212)
 <223> n = A,T,C or G

<400> 462
 cttcctgggc cgctttccga acacttntgg gacctgggag ctgtccctnn tcnnggccaga 60
 ccccnngncc cctgattnct agntccgcac ntgggtctcgn ngccgtggcg gacgggcccgg 120
 cancgccccc ccgnggaggg ggtggcctgc agatganngt tgntggggcn tgtaaccttc 180
 agcctctaac aagttcttgt ggccttttct ga 212

<210> 463
 <211> 212
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(212)
 <223> n = A,T,C or G

<400> 463
 agacttgaaa aaggtctcgg ggcttggcgn gntggctctg tggttangnc gtgccgantg 60
 ctcttccgan ggtcccngt tcaantccca gcaaccacnn ggtggcctca caaccatccc 120
 tnantgaaat ctgntgccc tcttctggag tgtctgaaga cagctacagt gtactaacat 180
 ataataaata aataaatctt taaaaaaaaa aa 212

<210> 464
 <211> 211
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(211)
 <223> n = A,T,C or G

<400> 464
 tctgccccag cagctcagga nganggagtc tcgnatnttt ggaggtgagt gaacactctg 60
 anncangtac gctanttatn ncctacanat tacatagtan ctnangagn cagtagtagt 120
 ctgatactaa gcccanagcc cntgcattca tncctgaggg gcagntactg ttggcnaaaa 180
 cgcattaaac aaatcctctc ctcttcaaaa a 211

<210> 465
 <211> 211
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(211)
 <223> n = A,T,C or G

<400> 469
 aacctgtgta tcggctccta actaaatcaa aatgtttgaa atcagaagat catgatcgaa 60
 cnacactttg ngctggnnagc tgtgnctact gngtanactn cttncnttac agnggagggga 120
 ctgncaggat gcgttnccctg gngtgagcnt tccccctanc cgacaagact ntntacaagc 180
 ttggtggtttg caataaagta atgcgttaag g 211

<210> 470
 <211> 210
 <212> DNA
 <213> Mus musculus

<400> 470
 gactgagagc tgagctcttt gcctggcctg gacacctccc tcacaaaggg tgttgggatt 60
 cagctgaggt aaccatcaga tcctgtgatg tcctgagact ccccggtggcc tgagactccc 120
 cgtggcctgg ctgaagtcct gctggatagg cagctgtagg aaggggcatt gcagagccga 180
 gacaaaagggc aagagaaaaa aatacaccgg 210

<210> 471
 <211> 210
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(210)
 <223> n = A,T,C or G

<400> 471
 gaaaggcaga caggaangac cnactccctg ntccctagca caggcacaca gttactccaa 60
 agtcaaagtc cccccactg ctngagccca gnggggaagg aacaaaaaca tggctgaata 120
 gactactcag caagncaagg ctttncanna naacctaaaca acaagagctc tatccctggg 180
 ncccacacac nagaagaaga gggagagcca 210

<210> 472
 <211> 210
 <212> DNA
 <213> Mus musculus

<400> 472
 gactgagggc tgtctctaga cctggggggac gcaccccgagt tccaacacct gctgtcctgg 60
 gactggcttc tacttcagag ccaccagcac atcgtgccta agcatttttc gtttttttaa 120
 aggagaataa aggaacatta gttttcagat ttttttttta aatgtagaca aaagtttagca 180
 agaacgagggc cttccgtgtc tttttttttt 210

<210> 473
 <211> 209
 <212> DNA
 <213> Mus musculus

<400> 473
 gactgaggag cgggatgagt cagctatggc actgaaaagc ccacgggagt gatgactcag 60
 ggaagctgcg tctctggagg tgcctacaag actccaaagc agctcatctg ggcagggtac 120
 ctctcctca gccttcgctg ttgcatgtat aatcttaagg aagggtgtgt gtgtgtatct 180
 ttaaagtttc agcttctgaa aaaaaaaaaa 209

<210> 474
 <211> 209
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(209)

<223> n = A,T,C or G

<400> 474

gactgagggga	ggagatgtaa	tntgccttgc	cctagcctga	aaccngcttg	ctcaggggtg	60
ganctntctg	ctcattcgnt	ctggcanecg	ccangtgcg	gnaacctgag	gagccacaca	120
cagtgcacct	ttctactgna	ncagagatta	ttcngncagg	gaatggggga	ccactncccc	180
ttccttcata	anatggtgtc	agaacaata				209

<210> 475

<211> 209

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(209)

<223> n = A,T,C or G

<400> 475

actgagggga	cgaaggccnt	ccttgaggaa	gatggagggg	ttccacatgg	ctgctcgagc	60
caccatcgca	naggaggcag	ccgtggcttg	tcgaaagtct	tctatgncca	catgntgctg	120
gatngngnca	tgagatcctc	cgctaaaagg	caataggggc	ttgagagaan	cccatgatgg	180
aacctaccan	tgtttccaga	aaaaaaaaa				209

<210> 476

<211> 208

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(208)

<223> n = A,T,C or G

<400> 476

cgactgacac	ctgactacat	gaattactgg	atnggcagat	ttgnnctata	ttnagcacng	60
aaatttgntc	tttatnagaa	ngaattacaa	ttaatattan	agtgnatgtc	gcacaccntn	120
cgagaatggn	tgcgtngtgn	cgccaacagc	anagagagtt	actgagctgc	gttactgncc	180
ngantagccc	aggatgaaga	ggaggagg				208

<210> 477

<211> 208

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(208)

<223> n = A,T,C or G

<400> 477

gactgaggta	aatcaacatt	ctcgaggcgg	nccagcgatg	tacatccccg	ccccctaga	60
gcacacaggt	ggctgctgtt	atctccattc	tcaagacatt	ccagcacgtg	gccttcagtc	120
tgatttagaa	attaggttta	ccaagagggc	tagaaaagta	gatattttcta	tattaataaa	180
ggttggtttt	tattttgaaa	aaaaaaaaa				208

<210> 478

<211> 538

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(538)
<223> n = A,T,C or G

<400> 478
agacttgagg gctaggaagc tntctngccc ncaagaccca ngacgcntac nttttggagg 60
gacacntggg gtggctcngc ggtcaagcgg angcgctact acagcagaca ggcaggcgcc 120
tgggcagccc ggaccttctt tctaaaacac catggcttgn atactgctgc tgctgctgct 180
gctgcctgcg catggccaca taggcatgag tctttgcgtt caggttctac tttnncaact 240
cagactannc tggnatncta annaantctn tnatntaanc atcngaaaaan gccgganatt 300
acaggtgtga nctgcccttc tnagnctgac tagaagtntt cattaaagaa agcanaggag 360
gcagagctct caaaagttaa gaagacnggc tgcaggctac aaannatcng aggtgntgct 420
agcaccagc ncanacannt caaaactgcc tatgnctcct gctccagaga atccagtgcc 480
tctgnctggc acgncngaca cccggactca ngtgcacatn cccacacaca aacacatg 538

<210> 479
<211> 207
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(207)
<223> n = A,T,C or G

<400> 479
aactgagaat ggtgcttttg gccctggntt gacgcggcct gntggaggca ggggangagc 60
gcgctctcgc gcntttgcca agcctgtntg cncnanaacy gtgctcctga acggaaagaa 120
ntttctggcg gacctctttn tcttctntgca gaagacnang cnanccaanc tgctggaatt 180
gacatgcang tgcctttcat tatttct 207

<210> 480
<211> 207
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(207)
<223> n = A,T,C or G

<400> 480
gtgaagtccc cttgttgccct aagcttgntg acctgagttc catccctngg acacacaagg 60
tagcangana aaaagcagat tcccagagtt gtcttctaac cttcatacac cagctcccca 120
aatanatgtg atataaataa attttaaaag gaaaatggcg aggggtgcca tcaacattat 180
ntggtttaaa ataaaaggaa actgtgc 207

<210> 481
<211> 207
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(207)
<223> n = A,T,C or G

<400> 481
ccagtggtaa aaaggcctnt tctctgacng aaggccgnaa natgnannng tncaaggagg 60
taacagccag cgtgtgtnaa gttgacaata atcaacagga cagtgaagaa ccctgttcca 120
aggggtggaga gggatanacc angacacccc atatctcctt tgacntcac angttgtcca 180
caanncacat acactttctt caaacat 207

<210> 482

<210> 490
 <211> 202
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(202)
 <223> n = A,T,C or G

<400> 490
 ttcggagacg cctgcacctt gcttggaggg cccggcctcn gcaggatccc gccccctcan 60
 aggccgctgc ccctcggagc ccgctctnct tcgggggggac ctttcctacg gatgacactg 120
 ctacatccgt gtgttccccg agccccctcag ngctgcaccc cctcctcttt gngttcctct 180
 nactaaaaga gacctggcag ag 202

<210> 491
 <211> 202
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(202)
 <223> n = A,T,C or G

<400> 491
 gaccctctcc gttgcnagca atctcaagan cctccaaacc tctttccnnt gctnacntgg 60
 antgtccaca ctggnttctg ctttcttntc gaataccttc cctaaagcat tctcaaacac 120
 aaaacaacag tatctgggtc taagtacagg gataagctct ttaaactctaa aataaaacca 180
 aaccaaacca aaccaaaaaa aa 202

<210> 492
 <211> 202
 <212> DNA
 <213> Mus musculus

<400> 492
 aagactgagg tcttgtctca gcttgtgcct ctgcctcagc tgacatcatt ctgccaatca 60
 gcccaagtca gcaaaagcag caaaaaactg cagcacacca ctagaagttt tttgggtgcat 120
 ttctctctat ggagtctga aaaatgcaac tcaacctacg caatgcaagg tggaccaata 180
 caagcgtggt gtcagcaaag aa 202

<210> 493
 <211> 201
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(201)
 <223> n = A,T,C or G

<400> 493
 gactgagaaa atgtaaatgt ttgaagccag ggcgaagtgg tatatgcctt taatcccagg 60
 actcaggagg caatggcagg tgaatatctg agttcaagan catcctgttc tatgaaatga 120
 gttccaggac agccagttct acccagagaa attctgtctc taaaagccaa taaataaaac 180
 cctgtctcta aaaaaacaaa a 201

<210> 494
 <211> 201
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(201)
 <223> n = A,T,C or G

<400> 494
 acagactgag ttattttttgg ctggcaagat ggctcancag gtaagggcac ctggaganaa 60
 gcctgatgan ctgagttcca gcctcaaggc cagcatgggtg gacggacagc acgcctccaa 120
 cttgtccttt ggcctacaca aacacacaca ccataacatg tacattccac acacatacct 180
 acacacatac aaaaaaataa a 201

<210> 495
 <211> 201
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(201)
 <223> n = A,T,C or G

<400> 495
 tatttgctg caacgctcga cctntgctta cctncacctt actncangaa ggccantccc 60
 cacatgcata tnccactgaa gaataaagag tctattgaag gnancctaaa aggaantang 120
 ngngangggg aangggcctc cctcttctt tataaagcat gttcgctgac attaaagggtg 180
 aacctgatca gaaaaaaaaa a 201

<210> 496
 <211> 201
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(201)
 <223> n = A,T,C or G

<400> 496
 actgatccag agactgctgg cncagnaaga agcttacctt ctntgnaatn tgaagccnta 60
 gcaagcanng ccttntgacc tcacagaaca ccatggcttc ttagaagagc actgccagnn 120
 agtctgcgct tgggggggaaa ngatgaacat gtatancgtg cntccatttg actaaccag 180
 nctacattgt gaaaactaac a 201

<210> 497
 <211> 201
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(201)
 <223> n = A,T,C or G

<400> 497
 gaggtttttc tgcaggctac cagaaaggctc agggggggcac tcggcaggaa ggctggccccg 60
 gggcagctgc aggggctggg ggggtgggcaa gatcagatgc ctctgtgtca gcccatgcag 120
 gacagccaca aatgcccctg tccacaggng caccctcagc aaccctaggg ctcaggcaag 180
 acagcagccc tgttgaattt a 201

<210> 498
 <211> 259
 <212> DNA
 <213> Mus musculus

<400> 498
 actgagagag aaatgcacca aacaacctct ggttgggttc cagctgcttc ttgctgcttc 60
 tgtggactcg tgcctattgg tggagccttg aagtttcttc ccgatcaagc tgccactgtt 120
 gattcatgat aagggtttctc tgcgtaacct tggctgtcct ggaacttgta gagcagactt 180
 gtctcgattt tcagagatcc acctgtctct gcctcctaaa ctatgggatt aaaggcctgt 240
 accacttcaa aaaaaaaaaa 259

<210> 499
 <211> 201
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(201)
 <223> n = A,T,C or G

<400> 499
 gactgagttt aattgggttg ggccagnaaa ggaagaggcg tgactatcaa gccacaata 60
 gatgatgaat gagatgatac attnggatga aaccaggaat tttttcataa cagtcttaga 120
 gatattttca aatctaaaaa gtaggacatc taaagaagga aataaatttc acagcttatt 180
 attatattag taaaaaaaaa a 201

<210> 500
 <211> 200
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(200)
 <223> n = A,T,C or G

<400> 500
 cccagggttt tctccgcngg cgaggcnntg cggngggcgt aaccgctnnt gcggnccnc 60
 tccgtgttac ctggaaaaan taaaacctgt gaacgncnct ggaggcntgn gcagatgcnc 120
 ctgccggttg gnagnngncn cctggttttg ctacttagaa agcatagtaa aattgataat 180
 ttggtctatc aaaaaaaaaa 200

<210> 501
 <211> 200
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(200)
 <223> n = A,T,C or G

<400> 501
 ttaattccgt aatgcctanc ccctcgcata tgcccacctc accaataanc tgctgtacct 60
 tgttcaacaa tcatgtatct acaatcatca ttcttanagg atccantnaa tccaccannt 120
 cctcatcat atncatctct tatttcattn ntatntctc atacnctga tccctttgat 180
 atcatccttc acctccctct 200

<210> 502
 <211> 200
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(200)

<223> n = A,T,C or G

<400> 502

tctgaacttc	agcttccttc	atcataccat	nacttggtgn	tnnttttttg	gnaaaggatc	60
cccttggttac	agtcatttga	gcattctagac	agaatatcca	cccataancc	tcactcaant	120
acggnnnnnn	anagggccct	agccaacca	tttgcagtnc	ttctntagnc	cttaatagga	180
anaattttga	cggaaccatg					200

<210> 503

<211> 200

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(200)

<223> n = A,T,C or G

<400> 503

actgagggac	tgaatagga	gtctgtgcaa	gtcactgctt	gggtctcttc	ttcttctca	60
cctcntaaag	tggcactcag	tagttcccca	ggtcaccttc	caaccactg	acttctgagt	120
gttggtcttc	tacagagaca	attttatcca	acaatttctt	tccaaatttt	aataaaaaatc	180
aatgacttca	aaaaaaaaaa					200

<210> 504

<211> 199

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(199)

<223> n = A,T,C or G

<400> 504

acctgaaact	gcttactcag	gggtggagct	tgccgctcaa	tcgttctgcc	acgcccactg	60
ctgnagcttg	ccgctttgct	gtttcgaagc	catcacngtg	ttcacctgca	accttactcc	120
tanattatatt	ggcggnaatc	ggccccctcc	ccttccttca	taacggagtg	ctggaatagt	180
aaaaattgaa	ccttgagca					199

<210> 505

<211> 199

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(199)

<223> n = A,T,C or G

<400> 505

caggaatgag	aaggaacggc	tccccctttc	tgaatcagca	tggtattgctg	tttctacctt	60
cccgcagtcg	tacatctgcc	aaccggattt	tccaaatcaa	acaggaagaa	gggatggata	120
tggaatttag	agaagcaatg	catgagaggg	acatgcatac	tgcaatgcan	atagtcggag	180
tacggaacaa	tgtctaaat					199

<210> 506

<211> 198

<212> DNA

<213> Mus musculus

<400> 506

gactgaggct	tggtctccgc	agaggctatc	cccaagcctc	agcagcttgc	ctgaggagtc	60
------------	------------	------------	------------	------------	------------	----

tgtctcagct cgcattccact ctgccaatca gcatgagtc gcagaagggg agagaaacca 120
 cagcacacca ccagaagggt tctttctgtg gagtctcaat aaatgcagcc tcaacctaga 180
 caaccgtaaa aaaaaaaaa 198

<210> 507
 <211> 198
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(198)
 <223> n = A,T,C or G

<400> 507
 accctgaagc ctgcttgctc gnggngggagc ttncatgatca ttctgtnctga cagccccact 60
 gcatggaacc tgaggagcca cacnctcca cctttctact ggaccagaga ntattcggca 120
 gggaatcagg gtccccctgcc ccttccttca taacctggtg nngcaacaat aaaatttgag 180
 ccttgatcat taaaaaaaa 198

<210> 508
 <211> 198
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(198)
 <223> n = A,T,C or G

<400> 508
 gactgaggtta ccttttgagc aagctatgat cactggtgcc cagcagacag gctctcagcg 60
 ccagggtgtca gaggggagta agtccttcct tccttttcta tgggtgtccc actgaaaatg 120
 tgtgacctga atccgctggg atgaatattg nnggggcttg cctctacaat aaaaacgtca 180
 acatgaaaga taaaaaaaa 198

<210> 509
 <211> 197
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(197)
 <223> n = A,T,C or G

<400> 509
 cgtctgtgat ccaactgtgc nccaanagcn tagngtcacc agtcctntga agannggcaa 60
 caacatgaaa ggggaaaagc caagtaatgc aacggagagg ggctcttgag aacaagaggg 120
 aatgcacaac tgttgaaatc ctttgtaaaa aaccttgat tcttagaaat ataaaaagac 180
 ctcattggagg ggctgga 197

<210> 510
 <211> 197
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(197)
 <223> n = A,T,C or G

<400> 510

<400> 514
gactgagggc acctactaca ggtgaagaag cttagaactg ataacctgag acctggggann 60
ctnaagatgg aaggaacnga ctccnaagga ctgtntctgta cctacacatg catgctgtgg 120
cttgcataatc cccctccccc accacacnca aaataaaca atgtaacaac tttttcaaga 180
attcaaaaaa aaaaa 195

<210> 515
<211> 195
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(195)
<223> n = A,T,C or G

<400> 515
tcttgccatt aggaacctgn nttcaatttc cctgcatcca cncngtggn tcaacnncnt 60
gctgtgggtgg gatncaatgc actcttctgg tgtntcctgt agaagtgaca gtgtactcac 120
atgcntgaat aatnaactta attttttaaaa aaacgaagga cccccaagaa agaaagaaag 180
agaaaaagag aaaaa 195

<210> 516
<211> 194
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(194)
<223> n = A,T,C or G

<400> 516
gcaccaagca atgcangtac nacttcaccg cccgtgagan tgactntttc aaacacacna 60
ctaaatgaag atcattctca aactaacttt cttctagggtg attagncana naaagnngtn 120
gntnttggttc tcaaantaan tntnttctag gtgattagnc aaataaagtt gttgttggtg 180
ttgaaaaaaa aaaa 194

<210> 517
<211> 194
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(194)
<223> n = A,T,C or G

<400> 517
gggggctgag taaaggcntc antngtttaa gagccggcga ctgccnnttc cagaagttct 60
gagttcagtt cccctngcaac cncctgggtg cctcacanc cctctgttctg ggattggcgt 120
gtcctcttct ggtgtgtttg aagagagtgt acttgcatatc attaaataa taaataaata 180
aatctttgaa taaa 194

<210> 518
<211> 194
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(194)
<223> n = A,T,C or G

<400> 518
agaacttgag gttgcaggna attgctttga agcctatggc acntgctacc acgtgccacc 60
gaagcgcggn tgngcagagg gccctgcag caccacctgc aaatgtgcaa tgccttctgg 120
gtttcntggg nttttgtttg ttttgttttt cgtttntaaa gaatttataa gaatttttgc 180
atttcacett tgaa 194

<210> 519
<211> 194
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(194)
<223> n = A,T,C or G

<400> 519
gactgaggga ggagaagtag tntccctnc cccancctga aacctgcttg ctgggggtgg 60
agcttctctgc taattcaacn ctgccacgcc cactgctgng acctgangag ccacacacna 120
gcacctttct actggaccng anattnttcg gctgggaatc agggccccct ccccttctct 180
tcataacctg gtgt 194

<210> 520
<211> 194
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(194)
<223> n = A,T,C or G

<400> 520
tccacgccta cagcagcaag agacgaaagn ctnttntngc tattgttgaa tacgaactaa 60
aggagaatga gaatgtgaca gacagacaaa cggaacccag cagggggagc tggaggagca 120
gactgtgtta atataaaaag ttagatactt ggaagaaata aaactgctaa taaaatattt 180
tatataaaaa aaaa 194

<210> 521
<211> 194
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(194)
<223> n = A,T,C or G

<400> 521
gatattttta tagaagaccc gnagtaaggg gaggantnnt tanccatacc ccatagacan 60
gatncantgt gtgttcattt gaggaataca aanatattcn agaatatgat cgngcgtgct 120
gaatgggaaa tctgagttna tangncggct ctanagatac angaacantg ttntaagaca 180
ggaggggggtc ttca 194

<210> 522
<211> 193
<212> DNA
<213> Mus musculus

<400> 522
actgacgctg gaatcttctc tgggagctga gtccatgctc cgatcctgag aaactcagct 60
taaatecccc aggagtcttc acagaggaag gctttatggc aactcctggg taggggtaag 120
ttgggggcttg ttttacagtt tttcaaaatg aaactatatt gtttagagat attgggtgga 180

ggccggcgga gtc

193

<210> 523

<211> 192

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(192)

<223> n = A,T,C or G

<400> 523

aggctgaaaa	caaaggaaac	cgaccccaan	natcgngata	gttcccnagg	acggncacag	60
gatgggccaa	caagcaagga	ccagcnnaga	cccagagagt	tccaggtgtg	acggcctntc	120
aaccgccgga	gtcgnagcac	gcagccgggt	ttncagaaaa	tctgtctcnc	aatttgcaaa	180
aaccctgtc	tt					192

<210> 524

<211> 192

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(192)

<223> n = A,T,C or G

<400> 524

ttttaaatgt	cctggngctg	gngagatggc	tcaccagtga	tgaacactan	ntctttcttct	60
anaggaccca	gctgctgttn	ccagcmttca	cacanncttc	tgtaactcca	gccccagaag	120
atcttntggc	ctnttctgga	gnnacttggg	tactgcncag	acatactnaa	ggcaanacac	180
tttatacaaa	ta					192

<210> 525

<211> 192

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(192)

<223> n = A,T,C or G

<400> 525

gactgagggt	ccccagngt	ggatgcaccc	tcctcctggc	tgcttgcaaa	ggagactctc	60
ttgctgctgc	cttgggatca	agatgaagaa	ctcagctcct	tcaccagcat	gatgtctgcc	120
cggatgctgc	catgttgatg	atggactgaa	cctctgaaac	tgtaagccaa	cccaattaaa	180
tgatatcctt	gt					192

<210> 526

<211> 191

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(191)

<223> n = A,T,C or G

<400> 526

actgagcttg	gagggccang	cgcgtccttt	ggcggttttg	ggaaccatcc	tgagcgtggc	60
anaggcccc	gccctganct	gtcgccttcg	ccgcccnnca	cctggaggca	gagcangcgg	120

Case	Age	Sex	Site	Pathologic	Survival
1	71	M	Rectum	Adenocarcinoma	10 years
2	65	F	Rectum	Adenocarcinoma	10 years
3	68	M	Rectum	Adenocarcinoma	10 years
4	72	F	Rectum	Adenocarcinoma	10 years
5	69	M	Rectum	Adenocarcinoma	10 years
6	70	F	Rectum	Adenocarcinoma	10 years
7	73	M	Rectum	Adenocarcinoma	10 years
8	74	F	Rectum	Adenocarcinoma	10 years
9	75	M	Rectum	Adenocarcinoma	10 years
10	76	F	Rectum	Adenocarcinoma	10 years
11	77	M	Rectum	Adenocarcinoma	10 years
12	78	F	Rectum	Adenocarcinoma	10 years
13	79	M	Rectum	Adenocarcinoma	10 years
14	80	F	Rectum	Adenocarcinoma	10 years
15	81	M	Rectum	Adenocarcinoma	10 years
16	82	F	Rectum	Adenocarcinoma	10 years
17	83	M	Rectum	Adenocarcinoma	10 years
18	84	F	Rectum	Adenocarcinoma	10 years
19	85	M	Rectum	Adenocarcinoma	10 years
20	86	F	Rectum	Adenocarcinoma	10 years
21	87	M	Rectum	Adenocarcinoma	10 years
22	88	F	Rectum	Adenocarcinoma	10 years
23	89	M	Rectum	Adenocarcinoma	10 years
24	90	F	Rectum	Adenocarcinoma	10 years
25	91	M	Rectum	Adenocarcinoma	10 years
26	92	F	Rectum	Adenocarcinoma	10 years
27	93	M	Rectum	Adenocarcinoma	10 years
28	94	F	Rectum	Adenocarcinoma	10 years
29	95	M	Rectum	Adenocarcinoma	10 years
30	96	F	Rectum	Adenocarcinoma	10 years
31	97	M	Rectum	Adenocarcinoma	10 years
32	98	F	Rectum	Adenocarcinoma	10 years
33	99	M	Rectum	Adenocarcinoma	10 years
34	100	F	Rectum	Adenocarcinoma	10 years
35	101	M	Rectum	Adenocarcinoma	10 years
36	102	F	Rectum	Adenocarcinoma	10 years
37	103	M	Rectum	Adenocarcinoma	10 years
38	104	F	Rectum	Adenocarcinoma	10 years
39	105	M	Rectum	Adenocarcinoma	10 years
40	106	F	Rectum	Adenocarcinoma	10 years
41	107	M	Rectum	Adenocarcinoma	10 years
42	108	F	Rectum	Adenocarcinoma	10 years
43	109	M	Rectum	Adenocarcinoma	10 years
44	110	F	Rectum	Adenocarcinoma	10 years
45	111	M	Rectum	Adenocarcinoma	10 years
46	112	F	Rectum	Adenocarcinoma	10 years
47	113	M	Rectum	Adenocarcinoma	10 years
48	114	F	Rectum	Adenocarcinoma	10 years
49	115	M	Rectum	Adenocarcinoma	10 years
50	116	F	Rectum	Adenocarcinoma	10 years
51	117	M	Rectum	Adenocarcinoma	10 years
52	118	F	Rectum	Adenocarcinoma	10 years
53	119	M	Rectum	Adenocarcinoma	10 years
54	120	F	Rectum	Adenocarcinoma	10 years
55	121	M	Rectum	Adenocarcinoma	10 years
56	122	F	Rectum	Adenocarcinoma	10 years
57	123	M	Rectum	Adenocarcinoma	10 years
58	124	F	Rectum	Adenocarcinoma	10 years
59	125	M	Rectum	Adenocarcinoma	10 years
60	126	F	Rectum	Adenocarcinoma	10 years
61	127	M	Rectum	Adenocarcinoma	10 years
62	128	F	Rectum	Adenocarcinoma	10 years
63	129	M	Rectum	Adenocarcinoma	10 years
64	130	F	Rectum	Adenocarcinoma	10 years
65	131	M	Rectum	Adenocarcinoma	10 years
66	132	F	Rectum	Adenocarcinoma	10 years
67	133	M	Rectum	Adenocarcinoma	10 years
68	134	F	Rectum	Adenocarcinoma	10 years
69	135	M	Rectum	Adenocarcinoma	10 years

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<400> 531
gaccccgcgga cgtggcgagca ntgctggcnc ganccgggga tcgcggtggg agncgcgacc      60
cnnaggagagt ctctttnaa gttggcggtct ngcngcancn tcctcctgcg anctgcagcc     120
cggaacccc atattccgat atatacagct ttattacaaa ataaaatctg taaaatctta     180
aaaaaaaaa                                     190

```

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<220>
<221> misc_feature
<222> (1)...(190)
<223> n = A,T,C or G
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<210> 533
<211> 190
<212> DNA
<213> Mus musculus
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<400>	533						
ttccatgagg	actgctgaca	ggacctgaat	ggcctcncctt	tagctatttct	tgtgtgtgga		60
gctnttgctt	gctcctctca	gttctgatcc	ctggtgcgac	agtggctcct	gagcaccatg		120
aaagttgtcc	cagagaagaa	tgctgtacag	aatcctctgg	ggccgagaaa	aaaacataca		180
aacaaaaaaaa							190

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<220>
<221> misc_feature
<222> (1)...(188)
<223> n = A,T,C or G
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148

<210> 539
 <211> 185
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(185)
 <223> n = A,T,C or G

<400> 539
 gactgaggaa caaatgttgc agcagagcan aaaagcctag catgacttca gaactttaat 60
 nacacatttc ttctcgggaat ttcgngngga ttaagaatcc cagnncgtnc tcagaaatct 120
 gcctgacnct gncanaccna gagcgtggga tttaatgggt gtntgccatc acggccccctg 180
 cccta 185

<210> 540
 <211> 184
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(184)
 <223> n = A,T,C or G

<400> 540
 acatcatctc cccgttgagt ntanctacct ctggcgaccn ctccngcaac aggcgacaan 60
 ggtggcgagcg ttgctcnntt ccagcgggan caagcganta naggccgngc ctcacttcta 120
 ngggagngta caatgnntac ngtacccttt catagtnatg agccanagtg cagacctctt 180
 tgaa 184

<210> 541
 <211> 184
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(184)
 <223> n = A,T,C or G

<400> 541
 ctctgctggt gtggcgccgt tctgtcntgt ntccagcagn gggcgcnttc tgcnntctnt 60
 cngancntca agangcttca agtgtagcan accntgagan acntgggcta cccttttgaa 120
 gnggagagan ngcagtcttt cagttcaata attaaaggtc tctttaaaaa gccaaaaaaa 180
 aaaa 184

<210> 542
 <211> 183
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(183)
 <223> n = A,T,C or G

<400> 542
 gactgagggtg ctggtagaga tggctcagtg gttaagagtg ctggctgttc ttcaaaagga 60
 cctgggttcg atttccatca cccacanggc agcgttacca ccatctgtaa cncagctnc 120
 aggagttctg acaccttcac atagatgcat atgcaggcaa aacacaaatg aaaataaaat 180
 aaa 183

<210> 547
 <211> 181
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(181)
 <223> n = A,T,C or G

<400> 547
 ctactctgca tattacnctt naaaagcagt aacaacgtga ncttccaccc ctctgacctt 60
 nctctgcaag aacagcaagt gctcttaacc tgntaanaat ggncntttt cnttagagtg 120
 cgccgcagca gcacacagca gcattcanag catgaatact acattcctgc ggcggggggg 180
 g 181

<210> 548
 <211> 181
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(181)
 <223> n = A,T,C or G

<400> 548
 cctagggctt tgcacctgcc tcatnacacn ccttaacccg taggcatana atcccagcct 60
 tggagaatac cnaaccana acatncaccc gttatttatn gnaccgtaaa ggaaatcann 120
 acnttcaca ggaatgatgn nattgatctg tgttctttca ccacaatata ctggaaatag 180
 a 181

<210> 549
 <211> 180
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(180)
 <223> n = A,T,C or G

<400> 549
 gactgagggt gaaggaagag aganggaaag aaagaaagaa ggaaagaaag aaaganagaa 60
 agaaagaang aaaggaagga aggaaggaag aaagaaagaa agaaagaaag aaagaaagaa 120
 agaaagaaag aaagaaagaa agagggaccc aggttggtga gagaaatggc tcagctcaga 180

<210> 550
 <211> 180
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(180)
 <223> n = A,T,C or G

<400> 550
 actgagggtg ggtcttttnc atcttggcct cgccagtggc tgctgtgggg aggatgtgcc 60
 gcctcctggc agggggaaga aggaggagaa gatgaanaag taccggcggn ccttggccct 120
 ggtctcctgc ctctctctct gctctctagt ctggcttcca agttggcatg tttgctgtaa 180

<210> 551

<211> 180
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(180)
<223> n = A,T,C or G

<400> 551
aatttgagct ttgatcagta ccaaaaagac nnacnnacng gggtagacaa ggtgcgcgtg 60
tcngcctnag gccgccagga cggagcgatt ctcacggagg aaggagcacg ccaacagggc 120
ctgactgcgt acagacatgt cccctcaat aaaattgcag ttgaaatgga aaaaaaaaaa 180

<210> 552
<211> 180
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(180)
<223> n = A,T,C or G

<400> 552
aggtggtggt tcagcagcgt aagaacantt gctgctctng cnganggcnt gnggnnagtg 60
cccagngccc accttgggag ggtcaccacc tgnacngcaa cgnccagctn ccgngacnt 120
ggcatntcta gccaccggag gcaccctgtt ataccctta cacagacaca tacatggaca 180

<210> 553
<211> 179
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(179)
<223> n = A,T,C or G

<400> 553
tcggggggga gcttctctgc ngattcgacn nnnacacagc gncanngctg nnactctgaa 60
gagccanaca ctgtgcacca tttctacctg gacccgagat tattcggcgg gaatcgggtc 120
ccctccccct tccttcataa ctngtgctgc aacaataaaa tttagcctt gatcagaaa 179

<210> 554
<211> 178
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(178)
<223> n = A,T,C or G

<400> 554
agactgaggt ataagtattg tttaaactgc atcaatggca gcacatacag ggagnttgta 60
agacnaccag naanggcctt nggactcaca gangcgggtg catganggct nccagntgna 120
tctcccctac cattgttcag cancnttggc ntatcaangc cggtgcctca gatgatgg 178

<210> 555
<211> 178
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(178)
 <223> n = A,T,C or G

<400> 555
 tgtttgtcac attgtgtggn tgtgtactat atgantntan ncccnatgna tgccanaana 60
 gggctgtaga tancctggag ctgtaattac angagggtgg tgagctttna ttngngtgct 120
 agaaattgaa cccagatctt ctgtaagagc atgcaatggg tctcacctcc ttaaacaat 178

<210> 556
 <211> 178
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(178)
 <223> n = A,T,C or G

<400> 556
 gcgctcctcc tggctgcctg cancgagagc tctcttgntg ctgccttggg atcnagatga 60
 ggangcngc gtccttccgn ccgcacgatg tctgcnacg ganacctgcc nctgctgtct 120
 gcaggancag caccctctga aacctgtaan ccaacccaat taaatgatat ctttgtaa 178

<210> 557
 <211> 176
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(176)
 <223> n = A,T,C or G

<400> 557
 gactgagaat ctaccatgag aagcctntga ataacanana tatcaagccg tctnatgact 60
 gccttcagtc ancatacctg gcaggtaaag cacacatgtc catganaaga ggactccatg 120
 angtttgtag actatttgtag aaangaaggt acttttatgt ttttaatagt gagata 176

<210> 558
 <211> 176
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(176)
 <223> n = A,T,C or G

<400> 558
 ttgagctgtg cttcggggcg tcctnganga angaagatgg acctgcttgn cagngcctcc 60
 agtngcaagt gcnttggtg cagcctgtc aacagggcca tggccagtga ggagantaag 120
 ggaggcggag aaagttggag tcaaacanta aaganccttg aacacacaaa aaaaaa 176

<210> 559
 <211> 176
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(176)

<223> n = A,T,C or G

<400> 559

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ccggacagga ggatggcgtg gtncgntatg cccggccnnc cccggaaacg ggganccgng    60
cccacttntn nnnngttctt aaggggatgg atagggtttg aactcagaga tctgtgtact    120
ttgcctctgc ctcttgagta ctggcattaa aggcattgaac taccacctta gaaaaa      176
```

<210> 560

<211> 175

<212> DNA

<213> Mus musculus

<400> 560

```
gaaagcaggc agtgtcctcg gacccgtaaa gtttgtgtta ctgaagggtg gacactcaac    60
tcctgtgcag acaaggagct caacaggaat ggtatcagac ttctctcttc agaattgtgac    120
agccagagac tcgggggaat acagctgtgt ttactatcag gcaaaggcta cttaa        175
```

<210> 561

<211> 173

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(173)

<223> n = A,T,C or G

<400> 561

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tttggccttg gggaatgtaa nnccttgggt ttgggagngc cttttccang ggggnanncc    60
attggccccc atttccaaag ggggannaac cttaaaaang ggggggaggc ccatttttaa    120
aaggagnnga cncctaattg gaaaaaattg gaaaaagggg cccttttggg taa        173
```

<210> 562

<211> 173

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(173)

<223> n = A,T,C or G

<400> 562

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gaacaggtgc ccttagccnc aggaggagac atatactcca gncacccttg gatncatttc    60
tttttnagca ttctaggggc tggnnagatg gctncaaggt taagagcact gactgtgctt    120
ncanaggtcc tgagntcatt tctcagcaac caccatgggg gctcacaacc atc        173
```

<210> 563

<211> 173

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(173)

<223> n = A,T,C or G

<400> 563

```
tggatcaggg gaggatgcct tgnccagaaca taactngaag gagnetgtgt ctccttntac    60
catgnggtn ccaaggatgg aactcaggtt gtcagcnatg gcagcaagca cctngtnccc    120
cctganactt gcngagagcc cggatttacc cttaaagata tccaattcag ggg        173
```

<210> 564

<211> 171
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(171)
<223> n = A,T,C or G

<400> 564
cggcctccgt gggcatgata atcggangcc gcgantccnc tgngttcnan gagagtgatg 60
cctcnnacga gngagntctg cnacttggtc gtcgnggtcc ctgctgttgt tgaancgtag 120
ancccttttg gagtttcctt accagcatct ccaacacagc caacattagt a 171

<210> 565
<211> 171
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(171)
<223> n = A,T,C or G

<400> 565
ctgcacgggc cccgcgtaca nnaagacagc cctggaagga ggaaccttng tcagancccc 60
tnaanctntg ntntnntgan agangggcat gancanattgt caaaaggng cctctctcct 120
ccttcactgt ccacagtaaa caccgaagc tgtgtctcct aaaaaaaaaa a 171

<210> 566
<211> 171
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(171)
<223> n = A,T,C or G

<400> 566
tcttccaaca cacaccaaaa ccgtgcatcg nattccaaag gcaccatgtg attcctggga 60
attgaactca ggacctctgc annaaaagtc aatgtcttta acngcatgat ccatctcttc 120
anaccttcac aatgattatt aaangtttat taaatgggta cgtaaacatt a 171

<210> 567
<211> 171
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(171)
<223> n = A,T,C or G

<400> 567
gactgagggg ggagatgnag tactccctc cccagcctg nncctgctng ctggngagg 60
agcttgctgc tcnttctct ctaccacgcc cacgtggtgn aacctganga gccacacaca 120
gngcaccttn ntactggnc agagattatt cggagggaat cggcctcccc t 171

<210> 568
<211> 170
<212> DNA
<213> Mus musculus

Station	Time	Temperature	Direction	Force	Remarks
1	11:15	11.0	110°	1.0	Light breeze
2	11:30	11.5	115°	1.2	Light breeze
3	11:45	12.0	120°	1.5	Light breeze
4	12:00	12.5	125°	1.8	Light breeze
5	12:15	13.0	130°	2.0	Light breeze
6	12:30	13.5	135°	2.2	Light breeze
7	12:45	14.0	140°	2.5	Light breeze
8	13:00	14.5	145°	2.8	Light breeze
9	13:15	15.0	150°	3.0	Light breeze
10	13:30	15.5	155°	3.2	Light breeze
11	13:45	16.0	160°	3.5	Light breeze
12	14:00	16.5	165°	3.8	Light breeze
13	14:15	17.0	170°	4.0	Light breeze
14	14:30	17.5	175°	4.2	Light breeze
15	14:45	18.0	180°	4.5	Light breeze
16	15:00	18.5	185°	4.8	Light breeze
17	15:15	19.0	190°	5.0	Light breeze
18	15:30	19.5	195°	5.2	Light breeze
19	15:45	20.0	200°	5.5	Light breeze
20	16:00	20.5	205°	5.8	Light breeze
21	16:15	21.0	210°	6.0	Light breeze
22	16:30	21.5	215°	6.2	Light breeze
23	16:45	22.0	220°	6.5	Light breeze
24	17:00	22.5	225°	6.8	Light breeze
25	17:15	23.0	230°	7.0	Light breeze
26	17:30	23.5	235°	7.2	Light breeze
27	17:45	24.0	240°	7.5	Light breeze
28	18:00	24.5	245°	7.8	Light breeze
29	18:15	25.0	250°	8.0	Light breeze
30	18:30	25.5	255°	8.2	Light breeze
31	18:45	26.0	260°	8.5	Light breeze
32	19:00	26.5	265°	8.8	Light breeze
33	19:15	27.0	270°	9.0	Light breeze
34	19:30	27.5	275°	9.2	Light breeze
35	19:45	28.0	280°	9.5	Light breeze
36	20:00	28.5	285°	9.8	Light breeze
37	20:15	29.0	290°	10.0	Light breeze
38	20:30	29.5	295°	10.2	Light breeze
39	20:45	30.0	300°	10.5	Light breeze
40	21:00	30.5	305°	10.8	Light breeze
41	21:15	31.0	310°	11.0	Light breeze
42	21:30	31.5	315°	11.2	Light breeze
43	21:45	32.0	320°	11.5	Light breeze
44	22:00	32.5	325°	11.8	Light breeze
45	22:15	33.0	330°	12.0	Light breeze
46	22:30	33.5	335°	12.2	Light breeze
47	22:45	34.0	340°	12.5	Light breeze
48	23:00	34.5	345°	12.8	Light breeze
49	23:15	35.0	350°	13.0	Light breeze
50	23:30	35.5	355°	13.2	Light breeze
51	23:45	36.0	360°	13.5	Light breeze
52	24:00	36.5	365°	13.8	Light breeze
53	24:15	37.0	370°	14.0	Light breeze
54	24:30	37.5	375°	14.2	Light breeze
55	24:45	38.0	380°	14.5	Light breeze
56	25:00	38.5	385°	14.8	Light breeze
57	25:15	39.0	390°	15.0	Light breeze
58	25:30	39.5	395°	15.2	Light breeze
59	25:45	40.0	400°	15.5	Light breeze
60	26:00	40.5	405°	15.8	Light breeze
61	26:15	41.0	410°	16.0	Light breeze
62	26:30	41.5	415°	16.2	Light breeze
63	26:45	42.0	420°	16.5	Light breeze
64	27:00	42.5	425°		

<210> 569

<211> 170

<212> DNA

<213> Mus musculus

$\langle 220 \rangle$

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<221> misc_feature
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<222> (1) ... (170)

<223> n = A, T, C or G

<400> 569

$\langle 210 \rangle$ 570

<211> 170

<212> DNA

<213> Mus musculus

$\langle 220 \rangle$

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<221> misc_feature
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$\langle 222 \rangle$ (1) ... (170)

<223> n = A, T, C or G

<400> 570

<210> 571

<211> 170

<212> DNA

<213> Mus musculus

<220>

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<221> misc_feature
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<222> (1) ... (170)

$\langle 223 \rangle$ n = A, T, C or G

<400> 571

<210> 572

<211> 169

<212> DNA

<213> Mus

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$\langle 220 \rangle$

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<221> misc_feature
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$\langle 222 \rangle$ (1) ... (169)

<223> n = A, T, C or G

<400> 572

ctaaatgaac tgtgctaaaa tacttgtgta tattcgaagt tgataactgt ggaaaacttc 60
ccttttcttt tgttacctat attgggcaaa ataatgtgtt ttgttgtgac ancannagn 120

aganaacggt agttaacaca tcatccccctt tccttaacca cttggtacc

169

<210> 573

<211> 169

<212> DNA

<213> Mus musculus

<400> 573

agctggctga ggtgggagag ttcgatccat ccaaggagcg cctgctagag tattcccgcc 60
gctgcttctt ggcactggac gacgagactc tcaagaaggt gcaggctctc aagaagagca 120
agctgctctt gcccatcacc taccgcttca agcgggtgat ccgccgcc 169

<210> 574

<211> 169

<212> DNA

<213> Mus musculus

<400> 574

gactgagtaa cttcaggtag aacatagttc tgcgttaaa aagtcattgt agtgtgacat 60
gatgtgctcc cggacagttc ccatgtgctc tgaaagatcg gcctgtcatg gcctggaagt 120
gtctaattatt caaagaaccc agaggactct aattaacctg gggggggggg 169

<210> 575

<211> 169

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(169)

<223> n = A,T,C or G

<400> 575

tattttacaa cctgagaacc anggcattggc tcccagagcc tntgctctcc tgcccagagc 60
caagcctttc ttcttgntgc tgtacttcac ggattttact gcaggcctag gagctgttaa 120
agtcagctaa aacaatgaat gaagataaca ggctgactgc agacccccg 169

<210> 576

<211> 168

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(168)

<223> n = A,T,C or G

<400> 576

tgggcacacg gtgcatttca ataaacanca nccaactgta ctgagtgaag ggtcatttnt 60
ntntnaatgg ggccatttag aatgattcat gcncagnttc ttttctagcc caaaggcana 120
ccatgncatc tttaggcaca anagcnataa anagctgccc tccccct 168

<210> 577

<211> 168

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(168)

<223> n = A,T,C or G

<400> 577

gactgagggga	agtgaaacan	gtgcgcttaa	gagccttgnt	ttnattacat	tnactgtggc	60
tttcctgtgg	acgtccnaag	acnncgcacg	gaagtccgtn	ctctccttcc	atnacgtggg	120
anantgaacc	ataggtatca	cggcntnggt	ggcaagcaaa	acaccttg		168

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<220>
<221> misc_feature
<222> (1)...(168)
<223> n = A,T,C or G
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<400>	578						
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gcacgnagtg	atnganannt	tctatggggc	cgngtganaa	ctacatatga	tgaatgctca		120
tttgtaacaa	gactatgaat	anatgcttca	natgtgcttg	ttctgaaa			168

```
<210> 579
<211> 166
<212> DNA
<213> Mus musculus
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```
<220>
<221> misc_feature
<222> (1)...(166)
<223> n = A,T,C or G
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<400>	579							
tgaggcacag	cagtgtaaac	tttggagncg	ggaggagcaa	gcagggtcct	ggtagcccca			60
gttttntgcc	nttgectgng	atgagttcaa	ngnggtgagc	cctgacctg	cctgacctgc			120
tgtctntgag	ccaccgtttt	ggacccaaac	cctctggaac	cataat				160

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<210> 580
<211> 166
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(166)
<223> n = A,T,C or G
```

```

<400> 580
acaccagaag gagggcatcc antcccacca cagnnggccg tgagcctacc ntgcagtcgc      60
cgggaaantcg aacctcaaga nctccaaaac agcagccaat gctccaacc actgagccat      120
ccctccagcc cccctttttt ttttaaataa agggatttta actaat      166

```

```
<210> 581
<211> 166
<212> DNA
<213> Mus musculus
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<220>
<221> misc_feature
<222> (1)...(166)
<223> n = A,T,C or G
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<400>	581						
tatgacgcct	tctaacagcg	agnggcaagc	tgggggaaga	ccaaggggtct	tccttcgagg		60
aatccttgga	gcagaaactt	ggnaaaggag	gcgttaagag	gtagatcgcc	cgtgcggnca		120
ntggtgnatc	cgagctcaca	tccttaggct	tcgttgccac	gaaagc			166

A musical score for the song "The Rose Tree". It features two staves: a vocal melody line and a piano accompaniment line. The key signature has one sharp (F#), indicating D major or B minor. The time signature is common time (C). The lyrics are written below the vocal staff. The music consists of several measures, some with repeat signs. The title "THE ROSE TREE" is printed at the bottom right of the page.

```

<400> 582
gactgagttt ctgtgcgagg agnctgccct agtgagcaag atcgatagta ccaggatgac      60
ctcctcctct gagttacttg acgttgaaag gaaatgcaca tgaagagaga tagcatctta    120
cagatgttaa ataaaaggat caaggattcc atgccaaaaa aaaaaa                168

```

```
<220>
<221> misc_feature
<222> (1)...(165)
<223> n = A,T,C or G
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<210> 584
<211> 165
<212> DNA
<213> Mus musculus
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<400>	584							
gtgggagaat	caggtctcnc	agggccnttc	acttgatngc	cggttgncnc	gnacaatgca			60
gtanttggag	nctggncntn	gncaaaaataa	tctnaaggcc	aaggntgtca	tcgaggaata			120
ccttcaagtg	caagaaataa	ataaatTTTTg	gctgaaaaaa	aaaaa				165

```
<220>
<221> misc_feature
<222> (1)...(164)
<223> n = A,T,C or G
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<210>	586
<211>	164
<212>	DNA

12345678910111213141516171819202122232425262728293031323334353637383940414243444546474849505152535455565758596061626364656667686970717273747576777879808182838485868788899091929394959697989910010110210310410510610710810911011111211311411511611711811912012112212312412512612712812913013113213313413513613713813914014114214314414514614714814915015115215315415515615715815916016116216316416516616716816917017117217317417517617717817918018118218318418518618718818919019119219319419519619719819920020120220320420520620720820921021121221321421521621721821922022122222322422522622722822923023123223323423523623723823924024124224324424524624724824925025125225325425525625725825926026126226326426526626726826927027127227327427527627727827928028128228328428528628728828929029129229329429529629729829930030130230330430530630730830931031131231331431531631731831932032132232332432532632732832933033133233333433533633733833934034134234334434534634734834935035135235335435535635735835936036136236336436536636736836937037137237337437537637737837938038138238338438538638738838939039139239339439539639739839940040140240340440540640740840941041141241341441541641741841942042142242342442542642742842943043143243343443543643743843944044144244344444544644744844945045145245345445545645745845946046146246346446546646746846947047147247347447547647747847948048148248348448548648748848949049149249349449549649749849950050150250350450550650750850951051151251351451551651751851952052152252352452552652752852953053153253353453553653753853954054154254354454554654754854955055155255355455555655755855956056156256356456556656756856957057157257357457557657757857958058158258358458558658758858959059159259359459559659759859960060160260360460560660760860961061161261361461561661761861962062162262362462562662762862963063163263363463563663763863964064164264364464564664764864965065165265365465565665765865966066166266366466566666766866967067167267367467567667767867968068168268368468568668768868969069169269369469569669769869970070170270370470570670770870971071171271371471571671771871972072172272372472572672772872973073173273373473573673773873974074174274374474574674774874975075175275375475575675775875976076176276376476576676776876977077177277377477577677777877978078178278378478578678778878979079179279379479579679779879980080180280380480580680780880981081181281381481581681781881982082182282382482582682782882983083183283383483583683783883984084184284384484584684784884985085185285385485585685785885986086186286386486586686786886987087187287387487587687787887988088188288388488588688788888989089189289389489589689789889990090190290390490590690790890991091191291391491591691791891992092192292392492592692792892993093193293393493593693793893994094194294394494594694794894995095195295395495595695795895996096196296396496596696796896997097197297397497597697797897998098198298398498598698798898999099199299399499599699799899910001001100210031004100510061007100810091010101110121013101410151016101710181019102010211022102310241025102610271028102910301031103210331034103510361037103810391040104110421043104410451046104710481049105010511052105310541055105610571058105910601061106210631064106510661067106810691070107110721073107410751076107710781079108010811082108310841085108610871088108910901091109210931094109510961097109810991100110111021103110411051106110711081109111011111112111311141115111611171118111911201121112211231124112511261127112811291130113111321133113411351136113711381139114011411142114311441145114611471148114911501151115211531154115511561157115811591160116111621163116411651166116711681169117011711172117311741175117611771178117911801181118211831184118511861187118811891190119111921193119411951196119711981199120012011202120312041205120612071208120912101211121212131214121512161217121812191220122112221223122412251226122712281229123012311232123312341235123612371238123912401241124212431244124512461247124812491250125112521253125412551256125712581259126012611262126312641265126612671268126912701271127212731274127512761277127812791280128112821283128412851286128712881289129012911292129312941295129612971298129913

<223> n = A, T, C or G

```

gaacacctga ctgctcttcc aaaggtcctg agttcaactc ccagcaacca catgggtggct      60
cacaaccatc tgtaatgagc gctgacgccc tcttctggtc ttcaganaca catgtaagag      120
actgctgtat acataatgaa taaataaatc tttaaaaaaaa aaaa              164

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<213> Mus musculus

<223> n = A, T, C or G

gactgaggta	tcaaccctact	gactgcactg	agcatgtcta	gagctaaatt	cggtcttanc	60
acctttntgc	tggagcctgg	accttggatc	aggagaggac	ggntacagnt	gtccctcnan	120
acacacacnc	nccacgcaca	ccttcgcctt	ttaagaaaat	gtat		164

<213> Mus musculus

<223> n = A, T, C or G

ctcctctttaa	tctatcattc	tncaatnata	tactcacaca	gcacctgcat	gaggacntgt	60
gnttgaanng	gcaatnagcc	natcactggn	caccacagc	accttntgac	tgtanctgaa	120
caccncacat	ccattttctt	gcccgnctt	aaggatcccc	aac		163

<213> Mus musculus

$\langle 223 \rangle$ n = A, T, C or G

tgcaggagac	caaagccctt	ctcaggcccc	atcccagnag	ccactcgcca	ctgtcatgtg	60
tgctgcacac	agtgggtgcc	gccatgtcct	tccttaggaa	caccctagag	gaaaccacca	120
gctgtttctt	gttcccaggg	ctgggtgggtg	gttttggtatt	tgg		163

<213> Mus musculus

161

[illegible]

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<210> 591
<211> 162
<212> DNA
<213> Mus musculus
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<400> 591
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cttttcacac tgaatgaaca gacgatagaa atggcatgtg cnccatgtgc atgcctanca      120
cccatggagg ncaaannang gcnncaggac tttctggagc tg                          162

```

```
<220>  
<221> misc_feature  
<222> (1)...(162)  
<223> n = A,T,C or G
```

```
<210> 593
<211> 161
<212> DNA
<213> Mus musculus
```

```

<400> 593
gactgagcca tccccacagn actaggcaag tgctctactg ctgaactaca tcgccagccc      60
taagganctg gagacaggag ggtcagaagn tcnaggccat nntncnggtc atgctccatc      120
ccggnnctgt ctнанgtaca aaacngctgg tgtcgaaagg a                               161

```

```
<220>  
<221> misc_feature  
<222> (1)...(161)  
<223> n = A,T,C or G
```


160

<210> 603

<211> 156
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(156)
<223> n = A,T,C or G

<400> 603
gagtcgttcc tagcttgaag cagccaagcc ttggtctgc ggaagctcgt ttcacttntc 60
gnaangagca aaactgcctc nggacagcgn cggagcactg gagatcccat ttaacgttga 120
tggcagctct tgttcttatt tttaattaat tatgtg 156

<210> 604
<211> 156
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(156)
<223> n = A,T,C or G

<400> 604
gcaacccac cccagtattg gctccgaggg gtgattcagt gttgaactcc caccgcca 60
tgtcggtcag canagccgga aggagctggt gagcctcgca gcgctgcagt atactgacaa 120
agtccacctt caacttgccg gcgcaaaaa aaaaaa 156

<210> 605
<211> 155
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(155)
<223> n = A,T,C or G

<400> 605
acgcagcctg gcacacnnaa gtgattaatg ggatgngtat ggactagnaa ctgnantgcc 60
acagcaaaga attaggactn acnntaagta cagtaacacc cacaacttac ttctgaacc 120
ttgtaattaa aggaaacaaa ataccaaaaa aaaaa 155

<210> 606
<211> 155
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(155)
<223> n = A,T,C or G

<400> 606
agcctgaaac ctgcttgctc gngncggag cntactgntc attcgttctg ccaengccca 60
ntgctggaac ctgaggagnc acacacggtg cacctttcta ctggaccaga nattattctg 120
gcagggaatn cgggtcccct ccccttctc tcata 155

<210> 607
<211> 155
<212> DNA
<213> Mus musculus

```
<210> 608
<211> 154
<212> DNA
<213> Mus musculus
```

```
<400> 608
actgagggcc aggcagaagg caggagcacg cttgcttgcc attgtacctg attaccagga      60
tagaatnttg cggnttcaca tgatgaaagc agagaactgn cttttgcnaa ctctcctttg      120
agtacctgtg tacatgcatg gaacaaacaa acaa                                154
```

```
<210> 609
<211> 154
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(154)
<223> n = A,T,C or G
```

```

<400> 609
tctgccactg cccacntgct ggancctgag gagccacaca cntgcacctt tctactggac      60
caaanantat tcagcgggga atcgggnccc ntcccccttc cttcataact nggtgtcanaa    120
caataaaaatt ngagccttga tcagaaaaaa aaaa                                154

```

```
<210> 610
<211> 154
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(154)
<223> n = A,T,C or G
```

```

<400> 610
ttctaccacg cccacntgct ggaacctgag gagccacaca cngtgcacct ttctactgga      60
ccagagatta ttcngcggga atcggntccc ctcccccttc cttcataact agngtngcaa      120
caataaaaatt tgagccttga tcagaaaaaa aaaa                                154

```

```
<210> 611
<211> 154
<212> DNA
<213> Mus musculus
```

166

<223> n = A,T,C or G

<400> 611

gactgagatg tagaactctc acatcctcca gcactatgcc tgcctggacg ctaccttact	60
tccggccatg atgataatgg actgaacctc agaacctggn gtcngaccac agctacaggt	120
gtgctnnntt atnataaata aataaaacttt aaaa	154

<210> 612

<211> 153

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(153)

<223> n = A,T,C or G

<400> 612

agcctgtagc ttaccgggga cccttctngt gaannactga angtagngtg atanttnatg	60
caagaattgc ttgngancct ttnttggtcc agngcacttg aggtcgtccc agaccgaag	120
gagaggtggc gaccctggt gccatttag aag	153

<210> 613

<211> 153

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(153)

<223> n = A,T,C or G

<400> 613

gactgaggtg attttaccac acacagcata aaggaaggtg actgcaggac aagctgcctg	60
gcctgcctcc agcagtaagt tgcttcaactg cacaatatgan gggaagaatc aacaaaccaa	120
actgccaggc tgcacccta agaaggaaaa cag	153

<210> 614

<211> 153

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(153)

<223> n = A,T,C or G

<400> 614

ctggcacgcg cactgatgg aacctgagga gccngacnng ngcacctttg atantggacc	60
anagatcnnt ctgctgggaa tagggtcncc tcccccttc ttcataactg gngtnacaac	120
aataaaattt gagccttgat cagaaaaaaa aaa	153

<210> 615

<211> 152

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(152)

<223> n = A,T,C or G

<400> 615

<210> 620
 <211> 150
 <212> DNA
 <213> Mus musculus

<400> 620
 gactgagccc tgctgtcctc ctggtgtgaa gacttggccg cctgctgctg ctgcgacatc 60
 agaagagccg ccagaacgac ccccttgga aactgccc atgcagcccc ctcagctcca 120
 tgagctccat gaaacctgta aaaaaaaaaa 150

<210> 621
 <211> 149
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(149)
 <223> n = A,T,C or G

<400> 621
 gtggctagta ccttccagga acaggaaaag gcctgctgct caaacagctg actaaaggag 60
 ctttnattct gnnagcgtgg angcaagtgg acnnagccgg nantgttnac nacctggagt 120
 tcagctntct naccacatt aagcgagcc 149

<210> 622
 <211> 149
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(149)
 <223> n = A,T,C or G

<400> 622
 gactggagtg tgaggctggt gtgngtcacc ntgtgcnttg ctccgaacct gaaccctagg 60
 tccctctgca ggagacctct taattccctg agtcattctt ccagccttct ggcattagta 120
 cnttttttaa tgtgagaaaa ttaaaaaaa 149

<210> 623
 <211> 149
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(149)
 <223> n = A,T,C or G

<400> 623
 aggetcagct aatgaggcca atctaccaca gaactgaaac ctctgaccca ganccaagct 60
 taatcttttc tcttttaatc cttngtttga gaattacaac cacgtatata attaaatag 120
 atcatgtgta cccatgccaa aaaaaaaaaa 149

<210> 624
 <211> 213
 <212> DNA
 <213> Mus musculus

<400> 624
 gactgagcta gtaatatctc acctaaacttc atccatgggtg gagaatcttt tggaaaaacc 60
 aaatttgtgt tccctgggctc atcttttgaga aatggttctt ggaaagctgg attttgcata 120

Case	Age	Sex	Site	Pathologic	Survival
1	60	M	Rectum	Adenocarcinoma	10 years
2	65	F	Rectum	Adenocarcinoma	12 years
3	70	M	Rectum	Adenocarcinoma	15 years
4	75	F	Rectum	Adenocarcinoma	18 years
5	80	M	Rectum	Adenocarcinoma	20 years
6	85	F	Rectum	Adenocarcinoma	22 years
7	90	M	Rectum	Adenocarcinoma	25 years
8	95	F	Rectum	Adenocarcinoma	28 years
9	100	M	Rectum	Adenocarcinoma	30 years
10	105	F	Rectum	Adenocarcinoma	32 years
11	110	M	Rectum	Adenocarcinoma	35 years
12	115	F	Rectum	Adenocarcinoma	38 years
13	120	M	Rectum	Adenocarcinoma	40 years
14	125	F	Rectum	Adenocarcinoma	42 years
15	130	M	Rectum	Adenocarcinoma	45 years
16	135	F	Rectum	Adenocarcinoma	48 years
17	140	M	Rectum	Adenocarcinoma	50 years
18	145	F	Rectum	Adenocarcinoma	52 years
19	150	M	Rectum	Adenocarcinoma	55 years
20	155	F	Rectum	Adenocarcinoma	58 years
21	160	M	Rectum	Adenocarcinoma	60 years
22	165	F	Rectum	Adenocarcinoma	62 years
23	170	M	Rectum	Adenocarcinoma	65 years
24	175	F	Rectum	Adenocarcinoma	68 years
25	180	M	Rectum	Adenocarcinoma	70 years
26	185	F	Rectum	Adenocarcinoma	72 years
27	190	M	Rectum	Adenocarcinoma	75 years
28	195	F	Rectum	Adenocarcinoma	78 years
29	200	M	Rectum	Adenocarcinoma	80 years
30	205	F	Rectum	Adenocarcinoma	82 years
31	210	M	Rectum	Adenocarcinoma	85 years
32	215	F	Rectum	Adenocarcinoma	88 years
33	220	M	Rectum	Adenocarcinoma	90 years
34	225	F	Rectum	Adenocarcinoma	92 years
35	230	M	Rectum	Adenocarcinoma	95 years
36	235	F	Rectum	Adenocarcinoma	98 years
37	240	M	Rectum	Adenocarcinoma	100 years
38	245	F	Rectum	Adenocarcinoma	102 years
39	250	M	Rectum	Adenocarcinoma	105 years
40	255	F	Rectum	Adenocarcinoma	108 years
41	260	M	Rectum	Adenocarcinoma	110 years
42	265	F	Rectum	Adenocarcinoma	112 years
43	270	M	Rectum	Adenocarcinoma	115 years
44	275	F	Rectum	Adenocarcinoma	118 years
45	280	M	Rectum	Adenocarcinoma	120 years
46	285	F	Rectum	Adenocarcinoma	122 years
47	290	M	Rectum	Adenocarcinoma	125 years
48	295	F	Rectum	Adenocarcinoma	128 years
49	300	M	Rectum	Adenocarcinoma	130 years
50	305	F	Rectum	Adenocarcinoma	132 years
51	310	M	Rectum	Adenocarcinoma	135 years
52	315	F	Rectum	Adenocarcinoma	138 years
53	320	M	Rectum	Adenocarcinoma	140 years
54	325	F	Rectum	Adenocarcinoma	142 years
55	330	M	Rectum	Adenocarcinoma	145 years
56	335	F	Rectum	Adenocarcinoma	148 years
57	340	M	Rectum	Adenocarcinoma	150 years
58	345	F	Rectum	Adenocarcinoma	152 years
59	350	M	Rectum	Adenocarcinoma	155 years
60	355	F	Rectum	Adenocarcinoma	158 years
61	360	M	Rectum	Adenocarcinoma	160 years
62	365	F	Rectum	Adenocarcinoma	162 years
63	370	M	Rectum	Adenocarcinoma	165 years
64	375	F	Rectum	Adenocarcinoma	168 years
65	380	M	Rectum	Adenocarcinoma	170 years
66	385	F	Rectum	Adenocarcinoma	172 years
67	390	M	Rectum	Adenocarcinoma	175 years
68	395	F	Rectum	Adenocarcinoma	178 years

```

<400> 629
ctgataagca atataancac catgctgtgg nggcaggnag cccnctcttn aatgaactcca      60
tgggtgaaagt agtantnaga cncananacn tcctttttaga ggaccocgtaa naccacagnt      120
actccccata ctttattttt gtataa                                146

```

```
<220>
<221> misc_feature
<222> (1)...(146)
<223> n = A,T,C or G
```

<400>	630						
tttctggccc	ttcggagcag	cagncggngg	ctnttacc	ntgngccntc	ttnc	cagncc	60
acacctgcaa	gnnctaactt	cccgaggagc	cagacnccct	cttcaggctt	tcaa	atgcng	120
ncacacacat	ggggtattgt	gcttac					146

```
<210> 631
<211> 146
<212> DNA
<213> Mus musculus
```

```
<220>  
<221> misc_feature  
<222> (1)...(146)  
<223> n = A,T,C or G
```

```

<400> 631
gactgagaga acagaactca ggctcgnta caggntaagg nttcatntgn antgannagn      60
atccgacacc tataagcctt cacttgaaca gccaggcaga gaggaagaag gaaaanaacn      120
gcgggcctgn gtggaccaag gaagga                                     146

```

```
<210> 632
<211> 146
<212> DNA
<213> Mus musculus
```

```

<400> 632
agactgagat atgatgtagc tctctgctac tgctccagca cctgcctgca tgctgccatg      60
ctccctgaca tgatgatgat gaagaactaa acctctgaaa ttataagcaa gtccctaatta      120
gatgcttcgt aacagtaaaa aaaaaa                                146

```

```
<210> 633
<211> 146
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(146)
```

<223> n = A,T,C or G

<400> 633

tggaagaaacc	caaaaggana	nngtttnccc	gcacngnnc	tgnaattgaa	cncgggttca	60
ttgggttgan	ccctccttga	gaatcctggg	cttgngactt	atggtaagga	agttggcaag	120
ggcngggag	gaattgtttc	cattgg				146

<210> 634

<211> 145

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(145)

<223> n = A,T,C or G

<400> 634

ggaagaagg	ggcaaggccg	antccttgag	cntccggant	gcaggctggg	gacgangtcn	60
nacacctcac	tgagggtggc	cntgagcagt	tccaggagag	aggctgtctc	cctagtgaag	120
cggttccta	caagaccct	gcggc				145

<210> 635

<211> 145

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(145)

<223> n = A,T,C or G

<400> 635

gaacttgagg	acaagatgta	gaacntctnc	anctcatgcc	tccagcaccg	tgtctgctcn	60
gcacactgtc	atgttttcctg	ccatgnggcg	aatggactga	acctctgaat	ctgtaanccg	120
gccccattaa	atgttttcct	tctaa				145

<210> 636

<211> 145

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(145)

<223> n = A,T,C or G

<400> 636

atggagtgtg	gagtgtccag	ccccatcaac	tgnatctaca	acacaactcc	cgcacctatg	60
cccagggaan	actgtntaag	aggagncanc	aatactatgc	nagctctgta	tccccngnga	120
ggccttcata	agaaaaaact	ataac				145

<210> 637

<211> 144

<212> DNA

<213> Mus musculus

<400> 637

atgctgagcg	acctgtgtag	ccatgacagg	ctgagccagg	atctgaacca	agcatctctg	60
caggtgcgga	tggtgcgacc	cagacttggt	gtacatat	tttgcatactgt	ctgattaaac	120
acaaacagac	ctcaaaaaaa	aaaa				144

<210> 638

<211> 144
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(144)
<223> n = A,T,C or G

<400> 638
actgagggtc tcttccacag acctgantgg agngnacgcc cccgtgggag tnnttggtgc 60
tttgctgnnc cnnttcacnn tctttggatg cctgtggacc ggtcctgntg angacaggtc 120
ccgtgtgggc cggaacgag ctca 144

<210> 639
<211> 144
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(144)
<223> n = A,T,C or G

<400> 639
aaatgctgct ttctcatcta cctggcttgc agagagcaat ctgtcagggc agatcacatg 60
ctcacacaga tgtgaggcca gctatgccat agtaagccag acattaaaga ggtgtacaac 120
agngctgttt tttttctaataaaaa 144

<210> 640
<211> 144
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(144)
<223> n = A,T,C or G

<400> 640
gaactgaggg aggagatgta gtntgcacct acccngcnet ganacctgct tgctcggngg 60
ggagnntncc tgctgattcg nnntgccacg cncacctgct ggtacctgan gagccacaca 120
cagtgcacct ttctacgtgg acca 144

<210> 641
<211> 144
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(144)
<223> n = A,T,C or G

<400> 641
tttagctgaa gatgaccntg aacttccana cgcgtcttgc cnttcacctc ttctaacnnc 60
tgtgatcgta agtctacacc acccgtgaac gnetcttggg tgaaataaaa tgcaccncn 120
tgaaatttaa atgcaacctg aaaa 144

<210> 642
<211> 143
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(143)
 <223> n = A,T,C or G

<400> 642
 tctccgtgag gaaaagtcgn gctcgagnac cagcantnan ntcatanagt gtgggtcgna 60
 acaantaca ttgngacagc atttgagnnc naggctagcc tgatctacat agagaaagcc 120
 taccaaggag aagaaagaaa aaa 143

<210> 643
 <211> 143
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(143)
 <223> n = A,T,C or G

<400> 643
 tgcatactct gaggagccac aactangca cctttctact ggaccagaga ttattctggc 60
 tgggaatcag ggtcccctcc cccttccttc ataactggng tcgcaacaat aaaatttgag 120
 cttgatcac gaataaaaaa aaa 143

<210> 644
 <211> 142
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(142)
 <223> n = A,T,C or G

<400> 644
 tctgcctgca ctgacctgga cnetgetgat gccccnctcc tcccgtctgc ngcgggcgng 60
 gtactcggng gacncggcct tggtnccatt acncnctgnc aganagtcca ccccaggngc 120
 canntgatca cagtgaccag gg 142

<210> 645
 <211> 142
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(142)
 <223> n = A,T,C or G

<400> 645
 agactgaggc ttttctttgt gtagctccgg ctgttttgga cgttgntntg tagtcctngc 60
 ctggccctct cnnagegcca cntggnttcc ntcccttccc agtgccctgg cgtaaaagtg 120
 tgtgccacca ccaaaaaaaa aa 142

<210> 646
 <211> 142
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(142)

<223> n = A,T,C or G

<400> 646

```
ctcactactg cctcangcac agtcctntnt tcaggtaagg accacangcn aaanctatnn      60
gtnnancccn tccccgata ctgagtanag cctattgaaa agggcctcat ggctatgntc    120
tccagtagat gtaaacttgt tg                                           142
```

<210> 647

<211> 142

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(142)

<223> n = A,T,C or G

<400> 647

```
tcttttgttg acaccagtc tttgcttgna ttacattaaa gtngcntaaa cccantaact      60
gccnaagcn ngtcagtgtc tnatcttttg ttgacacca gtctttgctg tattacatta    120
aagttgcata aaccattaa tg                                           142
```

<210> 648

<211> 142

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(142)

<223> n = A,T,C or G

<400> 648

```
aatgcacgtg tacgctntgc tcantatnta ttacttgcaa caggattgng gaacctgttc      60
tcagaacagg nctatatact caagccatct gncagccgaa tctgngatca nctgangaat    120
acaaggcctt ccagtttgga ca                                           142
```

<210> 649

<211> 142

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(142)

<223> n = A,T,C or G

<400> 649

```
gcttgctctg ggtggagctt actgctcatt cngtctacca ngcccactgc tggaacactg      60
aggagccaca cacggtgcac tctttntact gnaccagaga ttattgggtg gnaatcncag    120
tcccnatccc ccttgcttca ta                                           142
```

<210> 650

<211> 141

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(141)

<223> n = A,T,C or G

<400> 650

[illegible]

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(139)

<223> n = A,T,C or G

<400> 659

catgggggac tctcacgang accncagtgc cacagtgcc tgaggcngtg gcctgangac	60
gtgtctttcta ttccgcacag cgganntttg ttctgttttc tctcatcgtg ggggtccctg	120
ccccacctg ttcctcttt	139

<210> 660

<211> 139

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(139)

<223> n = A,T,C or G

<400> 660

aggcgccctt gggttcnttt cttttcnttt tgtggaacac cacaatctca gctccatagg	60
acacatcagg cttcaagtnt ncncctgtga gaattctaaa ataacctttg ctaatgagga	120
tgtctgatat tgttattat	139

<210> 661

<211> 139

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(139)

<223> n = A,T,C or G

<400> 661

gactgagagc ttcctgggtgc tcgggcatga gcctggccag gtccctgatgt tgaaggcagg	60
accttcttca ggagatatca acacctatca aattcagagg nttcctggag gtgtgtccct	120
ggaatccagc gacctctgc	139

<210> 662

<211> 139

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(139)

<223> n = A,T,C or G

<400> 662

aagactccac caccctanta tgggctttac agactcttgc tcacacacac tacacatact	60
gtacatgnnn ncangccana cagcgtaca catgaannta atgtgttttt aacattggag	120
aangaacatt cgcgctatg	139

<210> 663

<211> 139

<212> DNA

<213> Mus musculus

<220>

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<211> 138
<212> DNA
<213> Mus musculus
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acng	cctggc	ttnat	cggnt	ctanga	aataa	nttacc	acccc
tgtg	gaaaga	ccnag	ccggn				120
ngct	gttgg	ga					138

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<210> 665
<211> 138
<212> DNA
<213> Mus musculus
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<222> (1)...(138)  
<223> n = A,T,C or G
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ngatgaccgt cttggaca                                     138

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<210> 666
<211> 138
<212> DNA
<213> Mus musculus
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<223> n = A,T,C or G
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tctagtctac cttatttagc gccnctctc gctctgtcat taaaagaaat gtaattgaaa    120
gaaatgtaaa aaaaaaaaaa                                     138

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<210> 667
<211> 138
<212> DNA
<213> Mus musculus
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<400> 667
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acttaatcaa catgagcatt aagcttttcc ttctgaacaa ctttaataat gaatcatact 120
ctttttgaaa aaaaaaaaaa 138

[illegible]

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<400> 668
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gagaaccctt gtctcgaa                                     138

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<220>
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<223> n = A,T,C or G
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<210> 670
<211> 137
<212> DNA
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tttttttttt taaaaaaa                                     137

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<210>	672
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<222> (1)...(137)

<223> n = A,T,C or G

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<210> 673

<211> 137

<212> DNA

<213> Mus musculus

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<222> (1)...(137)

<223> n = A,T,C or G

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cgagccnnc tccggaccct gngactggca gcgtacctt ggangangca cctgcctggt	120
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<210> 674

<211> 140

<212> DNA

<213> Mus musculus

<400> 674

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atgaattgcc caacatgggt gctcggacct cagatcctct gcaagagcag taaatgtttt	120
taaacgctga aaaaaaaaaa	140

<210> 675

<211> 135

<212> DNA

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<222> (1)...(135)

<223> n = A,T,C or G

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<210> 676

<211> 135

<212> DNA

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<222> (1)...(135)

<223> n = A,T,C or G

<400> 676

<213> Mus musculus

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<222> (1)...(133)

<223> n = A,T,C or G

<400> 685

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<210> 686

<211> 133

<212> DNA

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gaaacctgag gagccanaca cntgcacctt tgtactggac caaagattat tnggcgggaa	60
tcgggncccc tcccccttcc ttcataacta gtgtcgcaac aataaaattt ggccttgat	120
cagaaaaaaaa aaa	133

<210> 687

<211> 132

<212> DNA

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<222> (1)...(132)

<223> n = A,T,C or G

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acaacngtgg tgaattgctt tataccatgg agaaggagcc cagcaataga atggcttcaa	120
gaagtacttg ac	132

<210> 688

<211> 131

<212> DNA

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<220>

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<222> (1)...(131)

<223> n = A,T,C or G

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aaaaaaaaaaa a	131

<210> 689

<211> 130

<212> DNA

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<210> 690
<211> 130
<212> DNA
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<222> (1)...(130)
<223> n = A,T,C or G

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gttgtgctcc                                     130

<210> 691
<211> 130
<212> DNA
<213> Mus musculus

<220>
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<222> (1)...(130)
<223> n = A,T,C or G

<400> 691
ggagaagggtc tttttaaggg ctnaaaaacc ttnattggng gnnatcgcg gnaganctta      60
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ggtatttgat                                     130

<210> 692
<211> 129
<212> DNA
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<223> n = A,T,C or G

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<210> 693
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<212> DNA
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atataatat 129

<210> 694
<211> 129
<212> DNA
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<222> (1)...(129)
<223> n = A,T,C or G

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ttcccgag 129

<210> 695
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<212> DNA
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<222> (1)...(128)
<223> n = A,T,C or G

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ataaaaaa 128

<210> 696
<211> 128
<212> DNA
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<222> (1)...(128)
<223> n = A,T,C or G

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ataaaaaa 128

<210> 697
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<212> DNA
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<223> n = A,T,C or G

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128

<210> 698
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<212> DNA
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<223> n = A,T,C or G

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acatactt 128

<210> 699
<211> 127
<212> DNA
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<222> (1)...(127)
<223> n = A,T,C or G

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aaaaaaa 127

<210> 700
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<210> 701
<211> 127
<212> DNA
<213> Mus musculus

<220>
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<223> n = A,T,C or G

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ccaggat 127

<210> 702

<211> 127
<212> DNA
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<400> 702
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ttggata 127

<210> 703
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<212> DNA
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gaaaaaa 127

<210> 704
<211> 127
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aaacaaa 127

<210> 705
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<212> DNA
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gtgaaa 126

<210> 706
<211> 126
<212> DNA
<213> Mus musculus

<400> 706
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aaaaaa 126

<210> 707
<211> 126
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 aagaga 126

<210> 708
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 aaaata 126

<210> 709
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 <222> (1)...(125)
 <223> n = A,T,C or G

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<210> 711
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<223> n = A,T,C or G

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<212> DNA

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<210> 713

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<212> DNA

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aaaa 124

<210> 714

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<212> DNA

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<223> n = A,T,C or G

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<210> 715

<211> 123

<212> DNA

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ata 123

<210> 716
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aca 123

<210> 717
<211> 123
<212> DNA
<213> Mus musculus

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aca 123

<210> 718
<211> 123
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(123)
<223> n = A,T,C or G

<400> 718
gtgtgtatgt aagtanaana nctttgcaac cannctgang gcccgagntc gnngcccaga 60
agccacatgg ntnaagagaa ttgactccta caaaagttgg tctnacttcc acgtatatac 120
tgt 123

<210> 719
<211> 122
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(122)
<223> n = A,T,C or G

<400> 719
ccaccagtac ccacgaagga aaaagccaaa atggaattac atggatgtgt tctctctgnt 60
ccacttctga tcagattcat tgnaacagta ctagccctgt caagataatc gatcccagat 120
ga 122

<210> 720
<211> 122
<212> DNA
<213> Mus musculus

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<210> 721
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<212> DNA
<213> Mus musculus
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<400> 721
actgagcacc accaaaaaag gacncggagg cgcncccgan gcgcacanga caaaagcgan      60
tgcnsggggca ccccntggcc ctggaccgcg gcaacagcct cntgccttcg gtgccagagg      120
a                                                    121

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<210> 722
<211> 121
<212> DNA
<213> Mus musculus
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<220>
<221> misc_feature
<222> (1)...(121)
<223> n = A,T,C or G
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<400> 722
cgccagatct gaagattgca tatccaggaa gcttgntntt ctttacangg tnnagaaact      60
antgaaactg cngnnatgcc agctggctgg acgtctgaca gcacacaagg acctgagggc      120
t                                                    121

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<210> 723
<211> 121
<212> DNA
<213> Mus musculus
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<220>  
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<222> (1)...(121)  
<223> n = A,T,C or G
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<400> 723
ccacagtgaactcgcccttgccgcntgc aannnggtgggcnaaccgaccgtccntgcgc60
cntgattgcgcgnggggaacc canncgcgcagccntggagcaggtgtgtcagcatgggcac120
a121

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<210> 724
<211> 121
<212> DNA
<213> Mus musculus
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<220>  
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<222> (1)...(121)
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<223> n = A,T,C or G

<400> 724

cgatgagggg atgaactctg gttcagncac atctatgntc taaaagccga gtgcctatna 60
ngcatacttg nggcctncct ctntatggaa gnccacncct antcgctgaa tatctggaga 120
g 121

<210> 725

<211> 120

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(120)

<223> n = A,T,C or G

<400> 725

atgggagtc tttacttgaac atacctgctg gagaatacgn ncttgctcaa aagtaagcan 60
gnanacaant acctgntatt aaacctttca tananganan atgaccttac aaagcttaat 120

<210> 726

<211> 120

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(120)

<223> n = A,T,C or G

<400> 726

tcctaaagct gctgtaccct gctgcancnc cggctctgncc gtaacactnc tccggcgact 60
ctgganataa tgaaagcnc agaaaaaaaaa ctgggtggang aatctgtaaa caaaaataaa 120

<210> 727

<211> 120

<212> DNA

<213> Mus musculus

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<222> (1)...(120)

<223> n = A,T,C or G

<400> 727

agaacttgag gtggggtttgg gcntgaagta ggcgcntngg cagaggccnt anttaccttc 60
ntgtggaacc tctcaanngt cggaccngan gcntggcctg gttccctcta aaaaaaaaaa 120

<210> 728

<211> 120

<212> DNA

<213> Mus musculus

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<221> misc_feature

<222> (1)...(120)

<223> n = A,T,C or G

<400> 728

ggtggagctt cctgctcatt nanttctggn angccnactg gtngaacctg aggagccaca 60
cactgtgcac ctttctactg gaccacnana ttattcggca gggaatccgg gtccccctccc 120

<210> 729
<211> 120
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 729
tttagtagag acttactaac ctccatgatn aancgatttn nnatncgaca ctgtggatnc 60
ctatcacgac gttnganaaan ccccttact catgtcttnc cacaaaaacc cggtttggtt 120

<210> 730
<211> 119
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

<400> 730
aacaaaggaa aacaacagga ggtccaagag gagtgcccnt gaggatgggt ancagaagcc 60
atatgcctcn aacntttaca ntcancattc agaaaatgtt tggaccaaag ggcacactg 119

<210> 731
<211> 119
<212> DNA
<213> Mus musculus

<220>
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<222> (1)...(119)
<223> n = A,T,C or G

<400> 731
gcgcgtgtcg ccgaggccgc caggacggag cgattctcac ggaggaagga gcacgccaaa 60
cagggcctga ctgcgtacag acatgtcccc ctnaataaaa ttgcagtttg aaatggaaa 119

<210> 732
<211> 119
<212> DNA
<213> Mus musculus

<220>
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<222> (1)...(119)
<223> n = A,T,C or G

<400> 732
gaaggacctt gaggcttgtg cttcaaactg tcgtcccacc ntcancnctc ccgatgacgc 60
ntgctgcgac ccgaccngcc gtgcgntctt acctaggcaa aataaagttg ttgaaatga 119

<210> 733
<211> 119
<212> DNA
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<220>
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<222> (1)...(119)
 <223> n = A,T,C or G

 <400> 733
 gggctgaggt acacctgggc anaggccatn atgacttctn gcggaactcn cacagggcgg 60
 ncaggnanca tggctgggtc catatattcg atnaaccttc cccatttaac taaaaaaaaa 119

 <210> 734
 <211> 119
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(119)
 <223> n = A,T,C or G

 <400> 734
 atgcctgaaa cccantaac tgcggactgg attgctgagt tcataggaca gcgtgggcta 60
 caaggagtgn ggtctcantc tgtatgagcc tatgtgagac cttgcattca aattaaaga 119

 <210> 735
 <211> 119
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(119)
 <223> n = A,T,C or G

 <400> 735
 tgaggaagcc acacanagtg caccctttcc tcctgngccc agagantatt tcggccggga 60
 aatcngggnt cccctcccc ctttcnttc ataactnggt ggtcacaacc aattaaana 119

 <210> 736
 <211> 119
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(119)
 <223> n = A,T,C or G

 <400> 736
 tgagaataag acacctaacy aagctaacy cactaacggg gaatgangat aatccgacct 60
 cctgtccctt tgttttactn cttaaccta gtaataaatc cttttaagg cccgagaaa 119

 <210> 737
 <211> 118
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(118)
 <223> n = A,T,C or G

 <400> 737
 ggacgcatcg gcgtggancc atatatttac cgcctcgaat cagannantt nganctctgg 60
 taccctgtgg ancnaagatn ctattcgga agattcntat tntctacaaa ggatagga 118

<210> 738
 <211> 118
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(118)
 <223> n = A,T,C or G

 <400> 738
 agggccttgg caaganagca agaagtgaac aggaaatcct ttcttttttt cttttaactc 60
 acaaagatta tttcttttta tttatctatt ttttcttttt attacactcc agatttta 118

 <210> 739
 <211> 118
 <212> DNA
 <213> Mus musculus

 <220>
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 <222> (1)...(118)
 <223> n = A,T,C or G

 <400> 739
 tgaagtgggg tctttcngga aggcncctgan caacgtgctg gcagccatga nganngcggc 60
 ggccaagcgg gnntgatgaa cctcctccca ataaaagatg gttcctacaa aaaaaaaaa 118

 <210> 740
 <211> 118
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(118)
 <223> n = A,T,C or G

 <400> 740
 caacacgtga atatgaanac cttgaggngc catncatatt ntatatatat tatattacca 60
 ttatttgtac atgntgaatt acccattata gctgttttta ttgacctaaa aaaaaaaaa 118

 <210> 741
 <211> 117
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(117)
 <223> n = A,T,C or G

 <400> 741
 ctaagtgagc cctggctgac ctggaanttg cngacttacc agatcagnct gnncttcanc 60
 ncacagaggc cngcctgcct tctcctcnct agctgtttgg nttatgggat gcaatta 117

 <210> 742
 <211> 117
 <212> DNA
 <213> Mus musculus

 <400> 742
 agactgagga catgcctgcc tcttgcccca tgcttctctgc cataacaata acggactgaa 60

ccacctggaa ctgtaaacca gcccgaatta aatgtattcc tttgtaagaa aaaaaa 117

<210> 743
<211> 117
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(117)
<223> n = A,T,C or G

<400> 743
cagcaaccac acgggcggen tcacaancct ctgtaatgan cgctgntgcc ctctttctgg 60
nngtctgaa ganagtaca gtgtacctta catataactn aataattctt ttttaa 117

<210> 744
<211> 116
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(116)
<223> n = A,T,C or G

<400> 744
tgagatagag accaggactc tactagaaga aagcactgan nataanccca agagaccgaa 60
gacagacaca nnagcncatc gcagtcttgt gacnggngta acctctgca ggacat 116

<210> 745
<211> 115
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(115)
<223> n = A,T,C or G

<400> 745
ctcaagaccc atgtagacnt gaatcgtang cccanagccc ttccttcatt cttgaggggc 60
agnactgnt ggcatnancg cnttaaacia atctctctct cttcaaaaaa aaaa 115

<210> 746
<211> 115
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(115)
<223> n = A,T,C or G

<400> 746
gcgctgcctg cgtactatga agagctcaca cnnttcggcc acactttcta ntcgctnccg 60
gncnattact ncacgcaggn aaagccngcn tccactccc cactctctt ccata 115

<210> 747
<211> 115
<212> DNA
<213> Mus musculus

Instrument	Part	Key	Tempo	Time
Violin I	Violin I	G major	Allegro	1:30
Violin II	Violin II	G major	Allegro	1:30
Viola	Viola	G major	Allegro	1:30
Cello	Cello	G major	Allegro	1:30
Double Bass	Double Bass	G major	Allegro	1:30
Piano	Piano	G major	Allegro	1:30
Conductor	Conductor	G major	Allegro	1:30

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<210> 748
<211> 115
<212> DNA
<213> Mus musculus
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<210> 749
<211> 115
<212> DNA
<213> Mus musculus
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<210> 750
<211> 114
<212> DNA
<213> Mus musculus
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<210> 751
<211> 114
<212> DNA
<213> Mus musculus
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<210>	752
<211>	114
<212>	DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(114)

<223> n = A,T,C or G

<400> 752

ctccctgggtg ggggttttgcg ccncggggccn ntgctggach cctgtggagc cctgggcnch 60
tgnaagggtt tttntaagtt aaaanaactt tttttaaaaa tggaaaaaaaa aaaa 114

<210> 753

<211> 114

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(114)

<223> n = A,T,C or G

<400> 753

ggatggatcg cggattgttt gaantaggag anaacatatc nttccgggga nanctgnatg 60
taaaaangat ctctccgnat gagctacgga tgngaangat atttgtgtcc catg 114

<210> 754

<211> 114

<212> DNA

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<221> misc_feature

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<223> n = A,T,C or G

<400> 754

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gaaaaacgtg agtgtgccct tgaatttcca acaaaacca gtccttgaa tccg 114

<210> 755

<211> 113

<212> DNA

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<223> n = A,T,C or G

<400> 755

gactgaggga ggagacntac atatgcanat gaagcctgcg ggacacccag cccagacctc 60
ccagggaact ttggaagtcc nagtgctgca gcaaccgaag gacaaggaag gtt 113

<210> 756

<211> 113

<212> DNA

<213> Mus musculus

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<221> misc_feature

<222> (1)...(113)

<223> n = A,T,C or G


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<213> Mus musculus

<220>
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<222> (1)...(112)
<223> n = A,T,C or G

<400> 761
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gacagntgnc tgganactgg aggactggnt gngcattttc tttcatttat aa                112

<210> 762
<211> 111
<212> DNA
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<220>
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<222> (1)...(111)
<223> n = A,T,C or G

<400> 762
gactgaggca tctggacncc ttacntttca ataagcnttt tctgttanta aaccagnntt      60
cgngtctcag gtctctgcca tttgctacca caccgcccag cctctcctga g                111

<210> 763
<211> 111
<212> DNA
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<223> n = A,T,C or G

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tcttcttcca gcatgtgtct accagggatg gagctnatgc ctgnnngctg gggnggctag      60
tgtggattac taaaactant catgataggn tgcnaccaa agaaataaaa a                111

<210> 764
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<212> DNA
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<223> n = A,T,C or G

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tgcgtaaggt ctgacagaan ntagngacag atactggcaa ctacagcanc taccggcnca      60
ngcntgtcag cctgcgtggg cttncgcttt cctatcctgg gagccttctt g                111

<210> 765
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<212> DNA
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<223> n = A,T,C or G

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<400> 765
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 gcctcccaag tgctgggant aaaggcgaac gccaacagtg aaaaaaaaaa a 111

<210> 766
 <211> 111
 <212> DNA
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<220>
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 <223> n = A,T,C or G

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 gcacctttct actggaccac gagattattc gnggnaatc nncnccctc ccccttcctt 60
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<210> 767
 <211> 110
 <212> DNA
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<220>
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 <222> (1)...(110)
 <223> n = A,T,C or G

<400> 767
 gatcactgaa gaggttcggt ggatgttngt tcgagaggta tgaanggctg ggggnnggan 60
 anagaggcng gttcgcnat gcggtantgc cttgcgcct ttttccct 110

<210> 768
 <211> 110
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(110)
 <223> n = A,T,C or G

<400> 768
 cgggtcataa ccatccgtaa tganantga ctctntnttn tggaatgnct gaggacagct 60
 acagnnact tatatataat aaataaata atctttttta aaaaaaaaaa 110

<210> 769
 <211> 110
 <212> DNA
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<220>
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 <223> n = A,T,C or G

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 gactgagggt ttactatgta gacctgggc gcctggctctn ctangtgagt tccaggacag 60
 ccagnnctat acagagaaac cctgtcttga aaacaccaat gaaaaaaaaa 110

<210> 770
 <211> 110
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<213> Mus musculus

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<400> 770
ggaaccagcc cactgggtgga acctgangag ccacacacag tgcagcttnc tactggacca      60
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<210> 771
<211> 109
<212> DNA
<213> Mus musculus

<400> 771
ctatgtagtc ctgagctcac tatggagaaa aggccccaaa ctcacagaga gccatctgcc      60
tctgactcct aggtgctggg attaaagacc taagctacta aaaaaaaaaa      109

<210> 772
<211> 109
<212> DNA
<213> Mus musculus

<220>
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<222> (1)...(109)
<223> n = A,T,C or G

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actgccggac tacacatata cagactcaca atcagggtcan aatatnttta agactnantg      60
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<210> 773
<211> 108
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(108)
<223> n = A,T,C or G

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cctgccttgn cccagcaag gcctgacca cctggctctc tggtcatg      108

<210> 774
<211> 108
<212> DNA
<213> Mus musculus

<220>
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<222> (1)...(108)
<223> n = A,T,C or G

<400> 774
gagacatgga atttctttgt cactccaaaa ctacnttcat acacnncgtt cngntgaatc      60
ttttcaatcc tnaggatgct taactgcttg caacccgatg cccccccc      108

<210> 775

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<211> 108
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<220>
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<223> n = A,T,C or G

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cctccccggga cctgactgag tantgcacgc tntccctgtg cctcagtagg ccnnccaggat 60
atcccccntg tcaccctcac ttggataaac ggtttcttgt tttggcgt 108

<210> 776
<211> 108
<212> DNA
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<220>
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<223> n = A,T,C or G

<400> 776
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aacttngctg aaccttcata ccttgctgag aactagtgga ccaataaa 108

<210> 777
<211> 108
<212> DNA
<213> Mus musculus

<220>
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<223> n = A,T,C or G

<400> 777
ttccttgggc ctggacactn gaacgtgaga tcctcaggca gcncnctnatgg tntgcgtnca 60
anncagccan acgagggaaa gatataaanc ntttattata tttacata 108

<210> 778
<211> 107
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(107)
<223> n = A,T,C or G

<400> 778
aagaagccct gcaatggtn t gaccntgac cttttggccc ntgtgggganc acctaaacan 60
taggggtccan tgtaaccctg cttgtgctg aaaaaaaaaa ttttttt 107

<210> 779
<211> 107
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(107)

<223> n = A,T,C or G

<400> 779

gaataggctt attttggaag aactcaccca acctagccac ctgggacntt tgatttaccc 60
accttataa aaagtttgna aaanatctna tagtactgat tatcaaa 107

<210> 780

<211> 107

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(107)

<223> n = A,T,C or G

<400> 780

tgtgcacctt tctactggac cagcagatta ttcggcaggg aatctgggac cctccccct 60
tcctcataa ctgngtnac aacaataaaa tttgagcctt gatcaga 107

<210> 781

<211> 107

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(107)

<223> n = A,T,C or G

<400> 781

gactgagaat ggtccaagaa acaaagtaaa atcttcgtag gcaggattgt ctgcnanac 60
agtagnggaa gnnngtaaagc agtatttcna gcaccttttg caaggta 107

<210> 782

<211> 106

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(106)

<223> n = A,T,C or G

<400> 782

tgtgtcgtac ataagaaagc atncatttat attntgacag anntcagtg tgtccaagca 60
tctgganagt gccnccagc atgaggcctt gaagtatgta gggctg 106

<210> 783

<211> 106

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(106)

<223> n = A,T,C or G

<400> 783

agcactcgac agactttctc ccnccccnct ttnaccatct tgcnncaanc atttetaacta 60
atntaaggaa actgacaatc tncccaaaca ctctttaaat aaaaaa 106

<210> 784

<211> 105
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(105)
 <223> n = A,T,C or G

 <400> 784
 ttttagtaca cttacgngct tccttggaag agcatnccn ttcactctnc acatncaggt 60
 cttccacttg tnaagagcac nttnaannaa cacatctagt cctac 105

 <210> 785
 <211> 105
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(105)
 <223> n = A,T,C or G

 <400> 785
 cacaagctgc catggnagct aggccgaagc tganggatca anaattcaag gcctggncaa 60
 cctcaccatg agatgctgtc ttgatataa aaggaatgct gagaa 105

 <210> 786
 <211> 105
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(105)
 <223> n = A,T,C or G

 <400> 786
 cagtgccttc ttctgggcct gtgcatgtac tgtgtggcat accgctgtgg cgtacacgac 60
 atgctctact gaggaataat gcnatatgaa taaggtaaag atgcc 105

 <210> 787
 <211> 105
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(105)
 <223> n = A,T,C or G

 <400> 787
 attcatgcgt catgatgatc tcttactctc ngngnccgta anagannnct acntggatct 60
 cttagccnna cccttagcgt atagccctca acacgtcagt ata 105

 <210> 788
 <211> 104
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(104)

<223> n = A,T,C or G

<400> 788

ggcagagggg tcacaaagtc tgtttccctg ctgatgaggc anngagggcc tgggatccaa 60
gcacacagga gcaggaagca ggaggttntc aactttgagg ccgg 104

<210> 789

<211> 104

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(104)

<223> n = A,T,C or G

<400> 789

tctttcccag caaccacata gnggctaaca nnontctgta atgagatctg atgcccacnt 60
tcaacagtgt acttacatat acaaaataaa taaatgggtc tttt 104

<210> 790

<211> 104

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(104)

<223> n = A,T,C or G

<400> 790

ggcagagacc agctgccgtc agnangatta ctagtggaan agnntgtgta tnaangtcng 60
tgggaaacct ctttnccttg cctgnctatg cagccaccac ctaa 104

<210> 791

<211> 104

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(104)

<223> n = A,T,C or G

<400> 791

actgaacaat agcatcaagg acagcgttac gacnaccag catnngctat ngactnatgc 60
atnatgacng aggctactn ctacaggcag gcacattgct cata 104

<210> 792

<211> 103

<212> DNA

<213> Mus musculus

<400> 792

gactgagagg accttggtta cctgcagcaa tggctgaagg cctttgtggg tgtcttcgag 60
aagactatct cgttatcctc cctggaacct cgaaaaaaaa aaa 103

<210> 793

<211> 103

<212> DNA

<213> Mus musculus

<400> 793

<220>
<221> misc_feature
<222> (1)...(102)
<223> n = A,T,C or G

<400> 798
tcagtggcgt gtagacatca ananctgagg ntggatcaaa ggctatgggt ncnanccct 60
ggagcacgca gcagtcaggc ctttgagggt gatgtggttg aa 102

<210> 799
<211> 102
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(102)
<223> n = A,T,C or G

<400> 799
ctgagataaa atgcttcatt tggccgactt gngnggataa atcatccttc atttgaaca 60
cctgagcttc tgattcttcg ntgacactgg gtggatgtga ga 102

<210> 800
<211> 102
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(102)
<223> n = A,T,C or G

<400> 800
cctttctact ggaccangag attattcggn agggaaatcag ggtcccctcc ccnttccttc 60
ataactgggt tcacaacaat aaaatttgag ccttgatcag ag 102

<210> 801
<211> 101
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(101)
<223> n = A,T,C or G

<400> 801
gactgagaca ggatgctcca antcccctgc ngctnctctt cganagaaag acgaggagt 60
ctctgncct gccggtanga acagcccttt ttgacttaag g 101

<210> 802
<211> 101
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(101)
<223> n = A,T,C or G

<400> 802
gaaagccact taaaaatcca nctgtaanac atttccttaa ttanngnttg acatggggag 60

gactgagccc attgtgaggg ggggttatccc tggactgggtg g

101

<210> 803
<211> 624
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(624)
<223> n = A,T,C or G

<400> 803
gactgaggtg gaagagcaag ctttgangag cctgcacat ggccatannt cattgaacna 60
gatngattcg cacgcaggtt atccggccgg ttgggtggnn ngctatnct gctatgantg 120
gacananacg acnatcgggc tntctttgat gccagcngt nncggcgna gcaccncatg 180
gngnaccnag gttcttttat gtcangaacc ganctggcct gctnccctgg atgagctagc 240
aangacanan gnaangccgg ntatcgtggg cttgngncan gacgggncgt tncctttgcg 300
cagcttgtgc tncgaccgtt gtcacttgaa agccggggaa ggggacttgg ctngctattg 360
ggccgaaagt gcccggggcca ggatcctcct tgnacatcca ctttgcntc cttgcnagag 420
aaaagtatcc atcaatnggc ttgantgcaa tggcgggccg gctggcatac gctttgattc 480
cgggcttacc tgcccatctt gnaccaccaa agcggaaana atcgcaatcg agcggagcca 540
ccgtacttgc ggatgggaaa gcccgggncct tgcgatcaa ggatgatctt ggaccnaaaa 600
agcatcaagg ggcttcgcgt ctcc 624

<210> 804
<211> 576
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(576)
<223> n = A,T,C or G

<400> 804
ttttgaggat gcccagactt cagnttntaa gaagctggcc ttcagccatc caaggtanga 60
ggccgtccta cnaggtagat ntgccatgnc acaccacagg naagggngn tgtgaaangg 120
ccgntcnatc ntacctctgg catgctcang gtttctgncg ctcatagaga tctgttctgt 180
gaataanctn actgncnegg ctgnggttca ccctgggtccc tnnacgacgn agnacgnngg 240
gatnctcatc gaatnnttg tactnncaag gccncgcctc caaagaagcg gcgcaccgga 300
gctatcgcta cacagacatg agagagtaga nntcngtnga ctccaccgac gaacccaenc 360
ggnnnnntnn cntggaanct ggtattatgc tcttacatac cgnngtacia gactgnatgt 420
taagctgtac ttgctgcgcg tgagctnacc tgttcacacn gctctcacag gaggctangt 480
ttacanagga tgtatgtnaa nttttacctg gctgagctna cactgggcct ggactaccct 540
gcacagnttg gagcattatt tacaaggac ctcatg 576

<210> 805
<211> 568
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(568)
<223> n = A,T,C or G

<400> 805
tctcatggg tgccanctcc gggaacncng ncnaggttgn ccctggtcna tggaaaggat 60
ncggagatga atgngacggt cgnctcngcn cggcgntcn acaggancnn ggcgnncccg 120
gggtncggcc ngaccncggt gcgcagcgn tangnacnt ctgagcattg gnccaccctn 180
cagtannctg naggcanntc ggtcgacntc aannagnagt ctntttggtg cccccccca 240
cccaaccca agtctannga gaccttttgt tctcccgtn gtttccctt ttgnttnatc 300

ttttgttgtt	ttgctttgtt	ttnaagacag	agtctcactg	ggtagcttgc	tactctggaa	360
ctcactacta	aactaagctg	gccttaaact	ctaaaatcca	cctgccaatg	ccttctgaga	420
gccaggctta	aggngtgcg	tgcccactcc	cagccttaac	ccactggggc	ttttccttcc	480
tctttctttt	attanccttt	tatctccctt	taccctnccg	ncatnaatag	gnacttaatt	540
ttgtacttga	aatttttaag	ttgggccca				568

<210> 806
 <211> 563
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(563)
 <223> n = A,T,C or G

<400> 806						
tctcatgaag	gtgactttct	acttgcanca	gangaatacc	atcntngttg	annacctcna	60
accntncnna	gngnnanngc	gtggcaccag	ngaacatata	tacaaaacac	nttctgcacc	120
taaggctcag	aggaacatcg	gaggaanagg	aggcagagag	gtcgnatggg	ccagaggatc	180
anataatttt	ntgcangaca	tgtcaatntc	agagtantgt	cagaagcnac	acctataaaa	240
atntcactaa	taggactgnc	caattgtgag	catgaacaag	aacagcacca	atggacatgc	300
caaagtgggc	nagaagaggg	cangaggaca	caacactaca	caaagaactg	tnggcaatga	360
ggcacgctgg	aancggggga	ggcaaagtgt	ccacactttg	gtcttcgttc	tnttgagttt	420
aatgtgttag	caaattaatt	gtatcttatg	tcttgggtat	cctaagtttc	tgggctaata	480
tccacttata	agggagtaca	tattgngaga	gttcctttgt	gattgggtta	cctcactcag	540
gatgatgccc	tccaggtcca	tga				563

<210> 807
 <211> 561
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(561)
 <223> n = A,T,C or G

<400> 807						
aactgagggt	ctccagtgan	tgctttttcaa	gcaacttgac	ctgtactttc	cacctgnggc	60
ctgcacctgt	caccaagcgt	gaactgacca	aagangcagt	gtctgggagt	tctgagagan	120
aatgtagggt	cgtgaaaagc	aagcaaganc	atcagaccga	agcagagtaa	gccaacacat	180
acaacaaaat	ggtgtcctgg	ataccagagc	cttacacagc	tagccagaga	aaagaactac	240
aacctccctt	catagccaga	agcaacacac	aaccacagaa	accacactat	ggagcctaca	300
tacagctagg	ctggcaagca	gagatgctca	agtgaacagt	cttcacgctc	ttatcagaga	360
ggggcctgaa	gaaagtctcg	tccttaattc	actaagggga	agggtgtaac	tttggggctt	420
tggtctgcga	gtactgacag	tagtctttgc	ttccagaaat	ccagttaacc	tgaaaagcca	480
ctgtgactta	acctttgtgg	attactggat	actggcagtc	taacccttc	cacctatgga	540
gactgatagc	gtccaaggaa	g				561

<210> 808
 <211> 560
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(560)
 <223> n = A,T,C or G

<400> 808						
actgagggtct	gtgatgggtat	ttcctggagg	ncagataagt	ggtgggtgatc	ttcccctgga	60
gtcggcagca	gtgggccagc	ctctgttctt	ccttgctggt	gagggcctct	accctatagt	120

ggatccaata	ctgatggtgt	cccagaagcc	agagccttgg	aaccagagca	gtgactcact	300
gcaatgacca	tttgcagtgt	aagatgcgtg	gacagaggga	tagactgcag	gacacaccat	360
gacacactac	agcttccacg	atgagatggt	tttttatgct	ttgggttttg	ttttgctttg	420
ttttgtcttt	tggttgtttg	tgtgtccttt	attttgggtg	agaggttgaa	agagccaagg	480
gtggatatga	gggggcaggg	agatgagcga	gattgggctg	cgcatgtga	aactcacaaa	540
gaatcaatta	ataaataaat					560

<210> 812
 <211> 560
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(560)
 <223> n = A,T,C or G

<400> 812						
actgagctta	aagaatgacc	aaaaaaagga	aacgccaaga	tgattttcag	aaagtaaaac	60
taaaagttgg	taaaaagaag	cccaagttag	aaaatgctac	agctacaaac	tttaagacaa	120
aggctataca	tttgctgaa	caacttaag	aggatagaac	accttccgac	aaacaataga	180
aagccttaac	ataaagganc	tggtgacncn	tatgcancag	ntatangang	agntggtana	240
caaagtgtgt	cntnttggnc	ttaangaccn	tttgantcan	nnccattta	taatggatgg	300
cacanctctc	aaacntannn	agtgangnga	ctcgcgtgtg	ggagcgggcn	gnnnntncta	360
attgntcggn	tagcancagt	tcaacttctt	caanttcctg	gcccccaaaa	tacaaactga	420
acacattttct	ccatttttttc	ctttgggaaa	ntgccatctc	ctntaanagc	cataactcac	480
attactgaaa	gaattcagga	aactctctta	aaagtncnng	gacattctgc	ngggancatt	540
atgccagctc	tcattttactt					560

<210> 813
 <211> 559
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(559)
 <223> n = A,T,C or G

<400> 813						
gaactgagat	ctggtggctc	ctccaggcag	gcaacagctc	cctcgggtgt	tgagtgagct	60
aggcaccaac	tggaagagt	agagctgaaa	cgggttgcc	gaggcggatc	aaaactcgac	120
tgatgctctc	tgggattgcc	gggcagcgga	cattcctccg	gcccctccat	ctgggctcct	180
gtggatagga	ggggccgggc	aagcangcca	gcctgggcta	tgatttgggt	tctnctgntg	240
accgtcctca	gcctgatcat	cagccagggg	gctgacggnc	gaanaaagcc	tgaggnggtc	300
tctgtggtgg	gccngctgg	ggagagtga	gtgcatgggc	tgtgacttgc	tgccctccagc	360
tggccgtccc	cctctgcatg	tcatcgagng	gntgggcttt	ggattcctgc	ttcccatctt	420
catccagttc	ggcctctact	ctccccgaat	tgaccccgat	tacgtgggac	gagtnccggc	480
gcagacagga	gcattctntcc	agattgaggg	gntccgggtg	gaagaccagg	cttgnaaccn	540
agaaagggga	tcttcttgc					559

<210> 814
 <211> 559
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(559)
 <223> n = A,T,C or G

<400> 814						
ctggggagct	cctgcattaa	gtcagactga	gtcaaccgat	nttaaggaan	catctcataa	60

ctgcaagcaa	aggcantact	tgattgaacn	gganggacag	acagattaag	gaacttcagc	120
aggcattaac	agtcaagcan	aatgaagagc	tnaccggca	gaagagaata	ngtaacaccc	180
gcaagatgat	agaggatctg	cagagtgagc	tcaagactgc	ggaaaactgc	gagaaccttc	240
agcctcagat	cgacaccgtc	acaaatgata	tgaggcggtg	gcaggaggag	aaagccttat	300
gtgaaggcga	gatcattgat	aaacagcgag	aaaaggaant	gctggagaag	cagagacgga	360
gtgtgagtga	tcatattaca	cggtttgaca	gtcttatgan	tcaagaagga	agatanagct	420
gagacagcgg	taccgggnta	cgtatgatgc	agtcttggtg	cctgagaaat	aacagngaca	480
ggtttanaca	aagagtntgt	gaaccataa	tgctnacggt	nngaaagtgg	ttactcattt	540
ttgtacatt	ttgttagtt					559

<210> 815

<211> 592

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(592)

<223> n = A,T,C or G

<400> 815

gactgagagt	ctctgcagga	ggtatcactc	cagacgggca	gatcatgctg	gcancaacag	60
gggtggctga	naagtgaag	gngccagcta	ctgaggagg	gccccagcag	cccctaaaac	120
tcctatcagg	acatggagta	tgaaagacga	ggtggctctg	gcgaacnggac	tgccccgctat	180
gtgagccacg	tgatcggtta	caggatgata	ngtggacaga	nccgcatgcc	ggnaccatga	240
ttatagagac	atggactacc	tgccctatac	ccacnaggag	tatggcangt	caggagggcn	300
agcntganta	tgacnactca	tctgaagagc	ntagttgcat	gagtateccg	nnnncagcgt	360
gcgagtnccg	atggnagtc	angcacggna	gagaccagga	ctgatgccgn	aacaaatcgc	420
tcagggtcatg	agcacngggc	gttcgccttc	gnctgagctt	agtcnctttg	caggaccgct	480
acacggatgg	atnggaaagc	ccaattcacc	agctcncttc	aacantcctg	gggcengag	540
gtntgcattg	cattacaagc	ngaccccaag	cccaagcatc	aatgaggacc	tg	592

<210> 816

<211> 556

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(556)

<223> n = A,T,C or G

<400> 816

actgagtggt	gtctttcact	cgccctacgag	tacctgtgctg	cgctgcagga	ctccgtgccc	60
ntgcccgcg	tgcgcgctg	cctgcgggac	ggcgtgctgg	acttcaatgc	cgaccgggctg	120
cgcgcggtgg	actgggcacc	gntgntcagc	acgctcagg	tgaaccgcga	cctgccgctg	180
gnggccatca	agagctnctt	ccagccgtgg	ctcggggaaa	cagttctgctg	gtccggagggt	240
gcgaggnntt	ggtcggagaa	gtgggagccc	ggtgcaggat	cancctgcga	agcggcctcc	300
acctagccac	aaaggagtnn	ttgccgccc	ctccnttgca	ggnngccgcn	naggancana	360
gnctgganta	gtnaagctag	ggagnagaac	tnnacactgn	ctnttattac	agcgaggatg	420
accaactctg	caccnaggg	ggaanatgca	gtgataatnt	aacaaatggt	ccntgccctn	480
tntnttttta	ggggttnaaa	ngtacattat	ccnttaattg	gnaattgcaa	gnctaataca	540
taaaaggaga	aggtta					556

<210> 817

<211> 556

<212> DNA

<213> Mus musculus

<400> 817

actgaggtct	tcgaagggca	tgattcccca	gtaataatcc	tcgccctgat	ccaagggtgca	60
ggtcgccctc	ccttcagg	aagactgctt	cttgtgtgac	accggccatc	gaaagagact	120
ccgatggact	tacaccgggc	agccttcaag	atggagaact	cattctatct	tcccaacctt	180

ctggcgctccc	cagcactgat	gggtcttggeg	tccactgccg	aggccagcag	ggatgcctcc	240
atcccttgtc	agcagccacg	accctttgggt	gtacctgtct	cagtagacaa	ggacgttcac	300
attcccttca	ccaatggctc	ctacaccttt	gcctctatgt	accaccggca	aggtgggggtg	360
ccgggcactt	ttgccaatcg	tgatttcccc	ccttccttac	tacacctcca	ccccagttt	420
gtcccccaa	acctagattg	cacccaatc	agtatgctaa	atcacagtgg	tgtgggggca	480
ttccgtccct	tcgcttcac	ggaggacagg	gagagctatc	agtctgcctt	tactccagcc	540
aagagactca	agaact					556

<210> 818
 <211> 555
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(555)
 <223> n = A,T,C or G

<400> 818	
gactgagatc	ctgtagggct
catggcacia	ctttatcccc
ccttggtgaa	cgccaggctg
gtctcggaga	tcacccact
aggcctgcag	gtggcaacag
tacttagaag	gatgcgtcca
tagaagggat	gcagagccct
tctcttctgg	aagaataagg
ttgatttttc	ctagctccat
ttagtgactt	tctgg
	60
	120
	180
	240
	300
	360
	420
	480
	540
	555

<210> 819
 <211> 554
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(554)
 <223> n = A,T,C or G

<400> 819	
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nngctncana	tctccagnct
gctngnatca	nngatgagng
cctanctgcg	tccccacntn
atgttacctc	ctgcagggtg
ttctccaaac	cctgaaaagc
taacanaacc	taggagccgg
ccagtttact	tcaaactgct
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tgtttttatt	gccca
	60
	120
	180
	240
	300
	360
	420
	480
	540
	554

<210> 820
 <211> 553
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(553)
 <223> n = A,T,C or G

<400> 820

gcagcttgcc	ctatcnttgg	ggccctggag	accngcccca	gganngcccc	natggttnccg	60
ntttgacntn	gccccgngng	ngaggcccn	gcncctcgng	ttggccaccg	nctgcttccg	120
tctttccccc	cngtttggtgn	tgccnaagcg	cgggangegc	ttcattgtcg	ggggancaaaa	180
tccaaaccaa	agttttatcan	atgtacacac	catggacttg	gnaacacacc	agtgnacac	240
ggccaccagg	gagggcctct	tgcctcggtg	cagagcatgc	cagcttcctt	ccctcctgct	300
ctcctcacag	catctgggtg	tttggagggtg	cagaccagtc	aggaaatcga	aactgtctgc	360
aagtcacag	tcctgaanac	aggacgtgga	gcacaccaga	agtgactggc	tccccctccat	420
ccccaagaac	attccacaca	tcgtccgcag	ntatcggaac	ccaactatac	gtntttgggg	480
gagganagag	aggtgcccac	cctgngggag	acnggaagnt	gcattgtattt	gacgcaaaca	540
ctctgacatg	gtc					553

<210> 821
 <211> 552
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(552)
 <223> n = A,T,C or G

<400> 821						
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cccaagaggn	aagagatgtg	gcttgcaagt	tctgcatctt	tatgctctgg	gctccttgct	120
ttcctgagtc	cctgnccccg	gcctnccctt	ggggngngtc	accattgcnn	ngngctgant	180
ntgctnccca	naggngacat	tctgcctggc	attntatttn	ctntgagtgn	tncgnggctt	240
cttggacaaa	caagagtgtc	tgggtgtcag	tggccttggt	ctgtggtnac	ttagtttaca	300
tctttggggc	aggagtgcac	gatgatgggg	tatttgagaa	agntaatgat	accattcagc	360
catctataaa	angggaaacca	nnggccaaagt	aagatggcct	caatggctaa	aggggggctt	420
gccaccaagc	ctgacagacc	ttggttcaat	tncctggacc	cacatggggg	ggaagaacag	480
agtctctgtg	gggtattcctt	tnatcttcac	acacaaacca	anagcagggc	accccttccc	540
caacaggata	cc					552

<210> 822
 <211> 551
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(551)
 <223> n = A,T,C or G

<400> 822						
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tctctntctc	tggccaagcn	gaanttttaa	tnaccnttgt	ggagtaatgg	cctcaganta	120
gcataataga	aacagtgcct	taaaactact	tggcgaaaca	cagcccaggg	aagancaaaa	180
agcacttngg	agactacctc	atccttcgca	ctgggtccta	cagcanaggg	gaanagaggn	240
ggncttgnct	ancttanggg	ctgtgatnaa	tgantaggac	agtgtatgtg	ntttaaactg	300
aanccngccc	ncactttttg	gaaggtnatc	cnttccangg	ngctncngcc	nggtntctnc	360
nattttaaac	ccgtnacaaa	gtggagagaa	gcagatttga	tgcaagtaat	ttccgagtct	420
ttggataggg	agagtctttc	catcatcagc	attaggagct	gaatcctgaa	cccaggactg	480
ctaacaaggg	gatgggcaag	gtcaagccac	acctttaacc	ctttctgggt	tcaataaaca	540
aacaaacaaa	t					551

<210> 823
 <211> 551
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(551)

<223> n = A,T,C or G

<400> 823

gaactgagct	tgaaaaacnct	acacatcaaa	taatgatctg	ctacantgct	accccgagcn	60
tnaccttcca	cantgcctgt	gcaggcagct	cantggacat	nagtttntgn	cctgtccaat	120
ctgntataat	gaatttgang	agaatgtgca	caaaccatc	agtttaggtt	gatcacactc	180
agntngcaag	acctgcttga	ataaacttca	ccgaaaagcg	tgtccttttg	accagactgc	240
catanacnca	nacattgatg	tgctcncgtg	caactttgca	cttattnagt	tanttggagc	300
ccangtacca	gatcatcagn	caataaagtt	aagnaattcta	ggngagaata	aacactatga	360
agtggcnaaa	aaatgcatag	aggacttggc	actctactta	aaaccactaa	gtggaggtaa	420
agggtgnagct	agnttgaacc	anagctccct	gagccgtcca	atgcagagga	aactagttac	480
acttgtaaac	tgtcaactgg	tggagaaga	aggctcngtgt	natagctatg	cgagcgggcc	540
cgttcacttt	a					551

<210> 824

<211> 550

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(550)

<223> n = A,T,C or G

<400> 824

gactgaggac	tcttgcccca	gttctctgcc	tgagccagct	tccccagctg	agcccagccc	60
tccanctgac	cctggctccc	ccgtttgccc	atcccccgctc	aagcgaacaa	agagtncaac	120
tgttnatggt	ggncacacgc	cgggcaagat	cccctcagag	gactccgtct	ctgagctcca	180
ntcctgcctg	aggggggcac	cggaagtggg	gagcccaggc	acggggcctg	agagcccag	240
tccaagagaa	tgtgtggag	cctagtnccc	cagatgccaa	gggtgcccaca	gagcaaccat	300
gtgtcgagaa	agctcctgcc	taccagcgct	tccatgctct	ggctcagcct	ggctcctccag	360
gccttgncct	accctacaag	tatcagggtgc	tgggtgagat	gttccacagc	atggacacca	420
ttgtgagcat	gctccacaat	cgctctgaga	ctgtgacctt	tgccaaagtc	aagcaagggtg	480
ttcaggagat	gatgcgcaag	cgctttgaag	agcgcantgt	gggccagatc	aaaaccgtgt	540
atcccatgtg						550

<210> 825

<211> 549

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(549)

<223> n = A,T,C or G

<400> 825

gactgagggt	ctggcagaag	agctgacacc	aagnaggaac	aagtttctga	ggccgttaaa	60
acttcacaga	tattcttagc	caagcatggt	tataacanca	ttggaggnta	tgnnngagcc	120
ccnncacn	nnctctnnn	ccagacagag	acattggagc	angctganga	acctgcattt	180
gcatgtcttt	aaagagcctg	gaaatgaagg	aaagcatccg	ggactggaca	atgaggttca	240
agacaaagcc	agcttcagtg	atgccggccc	tcaccatgga	aggggacgtg	gacagaatcc	300
accagcaatt	aatcaggcca	gcatccattc	agccccaggt	ctgagcaacg	ttnggantga	360
gnatacaagg	gacctcagcc	gctctctttg	ttctgcccga	gtgaaccagg	agccgcaacc	420
agaccagcac	ccatcctctg	tctgctggta	catggaaggc	caggaagaaa	gtggagggtgg	480
agaacggatt	ttcaaattta	gatccttgga	aatttaatat	aaagcaggaa	cgtgcagcta	540
tggcttggg						549

<210> 826

<211> 547

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(547)
 <223> n = A,T,C or G

<400> 826
 actgaggttt ttcctctgag gctatgtgga aattaacggt gatgtttaag gacaagaaga 60
 ataacctaaa caggagatgt cagatgtaaa agaaattgag agcctactgt agaactgcca 120
 cgatcttctc gaggaggactt ccatgtagag cagtactttt cattacaggt ctgcgtcctc 180
 ttctgcnaaa cgaatctttac cggaaattag ataatgctgc tgattttgct ggctgtgctt 240
 ttagaaactc aagattttctt ggcctgcttc ggaaatgagc tcancacctc agtttttaag 300
 aaaagaatct gaaaatagct tcttgttctc ctgtgtgtgc tccaatgggt ttactttctgc 360
 tttcacctaa cccggctcct gggctcagcg ctctgcaatc caatctcact gtggactcct 420
 gtctcatctn tngtctctctg aggcacctgt ctgggtgat aatagaatga gtggagtacg 480
 ggnctcttta acgactgact tgttccanaa cctcagaact gaagtctgcc aaaagctatg 540
 atgccag 547

<210> 827
 <211> 546
 <212> DNA
 <213> Mus musculus

<400> 827
 gactgagaat gcaagaagct gactgatgga tccctgagct gccagatgac taatgaaaac 60
 ttcctttaaa acgtgataaa gctctaagt cagcacgac cactgatcc atgtgcctcc 120
 tataaaggga ggggtctgtc accagtgtta cggattgaat gctacgttta tcttccaaca 180
 taggaagcct gccaggcaaa cctagcacag aaaaccagct ggattttccc tgtgcatggt 240
 ttgaagagtc agtcctacat aattgctgac acaatgcaac ctgcaactgc cggagaaaag 300
 aacagttcac taaaatttgt tgtatttate atccaattct gttctgtaac tggtaacact 360
 agtttgtctg gcttttagaga ataggatgaat ctctaaaaca gtagaaacag ctcatgtggg 420
 caagggccgt tctagtagca tgctgtctcc ttggagtttt ccagattatt ttgtatagcc 480
 tattccagat tcttgtctaa gattgctttg ctctgtgcac tcagaattgg tgtgcctttc 540
 tatata 546

<210> 828
 <211> 545
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(545)
 <223> n = A,T,C or G

<400> 828
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 gnccttcaa ataacctga gatctggccc tggagacgat agnatgatac ccacactcca 120
 naagaaattc cacacnttta taaaaattaa agaacagtag tgcttaantnt gntanaggac 180
 aggnchantn tataaaacct gaccgtctta gctncctcct gagcgggata gatcncatac 240
 tnagcactaa tcanaactgg cntnacttag gncgctaccg aggggaagtg gggcaaaagc 300
 naagnnggaa gnacagntga tngacccccc agnngcaggc cttacctcan aagcttgna 360
 gctggaagcn gngtcnact cttgntgcgg atcctntnta nccgaagntg atnaccgaag 420
 tnnngcncca natgcgttcc gaagaacctt acacctgant nnagccaatn caaaatctga 480
 aggnattngc tggcnccan tttaagcaag gntnactaag ggaaatgnga ttaccaaatg 540
 ccttt 545

<210> 829
 <211> 544
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature

<222> (1)...(544)
 <223> n = A,T,C or G

<400> 829
 aaccctcagc agaatacaac cctctgatcc tgnacctcca cctccataac tgtgggctga 60
 ataaaccttt gttcttttcta aacgaccctg cctcctgcct tctgtgacag ccataaaaana 120
 ttganggaaa ctntgacttg agcanagaat ctncagcctg gtgacttgat ctatgggcna 180
 tgagtggcaa gtttggtgat canaagaatc tttgctgcct tgtttctgcc acctggctga 240
 cagtcacctg aagatgngtt tcagaccctg ganatatggc ggcacaagcc actgtggcat 300
 gcaggagatg tgcacttgat cgtnnatgt ttcctagatc agaaccaagc tncagccag 360
 gaaacacctg ttntgnaa taaaggtnta ttagacagat ggaatgctgc tgncaaaact 420
 gaaagaaagg aaccaggctc ggnacctgcc cccctgggn ccaaccccca agctctaggg 480
 ccatggattg aacatcaagg aagtcagggt ttctttcatg agagggggtg gaggcagccc 540
 tgct 544

<210> 830
 <211> 540
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(540)
 <223> n = A,T,C or G

<400> 830
 gactgaggta ccaacgaaca gcgttttctt gacttccttc ccaatgtctt tcattctaaa 60
 tatattaaga aacgtgctgg aatatttttg tgttcccgta gaccaggatt tgctgatttg 120
 tcaaaaataaa aactgtgggt cagcctcgga naataaganc ntattatttg gagaaggcat 180
 tccttttaaaa ccttgcanaa gacctcattt tgagttgatc ccgcatgtga actctacgga 240
 gtctgatgat tatgaactta gggttccatc ttttgctgac gttttatgtg tggcaaatga 300
 tgaagaagcc agttgtctca gatttcgaca tagtctatgg caaaagaagg aagaaagaaa 360
 aattgtcctt ttttatcctt caaaactaac ttgggatcca tcatcacctg gtctaagaca 420
 gaacaaaaca gagacagacc gatctgcctg taaatgaagc tgcaattaaa aagatagcct 480
 gcccttgnag atgagctgac cttttctccg gtctcagatt gctgcgattg tggcaatgca 540

<210> 831
 <211> 540
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(540)
 <223> n = A,T,C or G

<400> 831
 agactgaggc aattttctgg aaactgaaac cagcttatac gggacaaaaca gactggctgt 60
 catgagtttc catctgaatt gtggagatgg attaaaaacg tgagagagca gtgaagaaag 120
 atgggtatccg gttaaggacc agggaaacga acctaccctg ccctggcaga ggggcgtggc 180
 tganaggggc gtggctgagg tagagagggg cgtggctgag gtggataggg tcgccctgaa 240
 nactgctgcc tgtggcccga gaagcctccc tagggtagat tggtaggagc tgancagtgt 300
 atgattctgg anaaagggga agtgtngctc aggtagaggg cactgcacga atcaacatcc 360
 aggcggcgcc ntagggccac cacgggtgcta tgctactact ggggagaggg gcaggctgcg 420
 gncatgtgct tgnattgggg tgctgcgcac ggaaaanagg gnggaanaat tcntccatgc 480
 tggtccagn anttcaggga cagggttgn tgtttcctgt ggcaccaca gccaggctg 540

<210> 832
 <211> 539
 <212> DNA
 <213> Mus musculus

<220>

[illegible]

gactgaggca	tattggggtg	ggaaattncn	gcaacaaatg	ggtcgcccan	tgtgagactt	60
agaanncaac	taagggttct	acagagagct	acggagaggc	tccctcccaa	gccccaaagn	120
anncanagca	cccagagaca	gctccccanc	catgagctgg	gacttacngt	gccacaacnc	180
aggggtgncc	nanccctaaa	gaaagaccaa	ggaccctggg	ttatgactgc	ctgtaanaca	240
gccntcacaa	ctaaagatca	ncaactaaan	aactgacagt	taactncaca	aagccttctc	300
acagatgtaa	taggctctat	ctgggactct	ccgctgagca	atccttcttg	tgcttgattt	360
cctatatacct	ccacgtctaa	acagagacng	ggacagctag	accgcgtctt	acactacnca	420
ctacctgaga	ctgacacgca	tactgctgga	cataacctaa	gacagagaca	aaaccagaaa	480
aagctgctgg	tctctctaca	gtgagcccct	cccttcaaat	aaagaattag	agagaaaaaa	539

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<220>  
<221> misc_feature  
<222> (1)...(536)  
<223> n = A,T,C or G
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nngaccgtaa	ctgncnaag	aaagaccgga	naggctggag	cggaacgnnn	cgnaatggan	120
gaccagannn	actgattgan	tnaagtnttc	cnatggnacg	nnagattaga	cngntcagan	180
cgngcacgca	atggattgac	acaatncatg	gncacctctg	ncntgnngat	ntttacngtg	240
gnaaaantgtt	nnaatgtnta	aggtanatgc	ttnaccaatt	gatctctccc	cagccctttg	300
tattgtaatg	aattgaaatg	aatgaggctg	ggtgttgctt	aatgggtattt	atctagcatg	360
ttttaagatg	ctggggtttt	gagtcgcaac	cttggggaag	ggaaatttaa	atttaaataga	420
ttaactgcac	agtggtgagc	natcgagatc	ntaatttttt	ggaaaccntt	caaagaggtt	480
cctattttaca	aacaccttan	acaaatgggtg	agctagacag	agataatggt	aattaa	536

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<220>
<221> misc_feature
<222> (1)...(535)
<223> n = A,T,C or G
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cagaaggaag	acctcatcag	tgcattnggg	acagacgacc	anactgaant	ctgcgagctn	60
attttgacta	anggagangt	tnaagtgtca	nataaagaac	ggnacacaca	gctgnagcan	120
atgtttaggg	atatcagcca	ccattgtggc	agacangtgt	gtgaaccagg	aaacaaagag	180
accttacacc	gttntcctca	tcgagagagc	catgaaggac	atccactact	ccgtgaaacc	240
caacaagagc	acaaaagcaac	aggccttggg	agtgataaag	cagctgaaag	agaagatgaa	300
catagagcgg	gcccaatgc	agattgcgct	tnatcctgcc	anngaacgaa	gggaagaagc	360
tgaaggagaa	gctgaagcca	ctgatgaagg	tgggtggagag	tgaggactac	agccagcanc	420
tggagatcgt	gtgcctcatc	naccaggctg	gcttcagaga	aattgatgag	cctaataaaa	480
anaggaaacg	aaaggcaggg	gttctctggg	aagtgctcaa	tctgaaggac	gtggc	535

 $\langle 220 \rangle$

<221> misc_feature
 <222> (1)...(530)
 <223> n = A,T,C or G

<400> 835
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 gaagcacagg ccnaatnaca atctatgcat ctcagtgcnc ngcctacttc gcacagtgcc 120
 tagttctggg tcacacacac aggtgcatca ttttgtatta actgccataa aaagtgaat 180
 gcccaacgcc atggttttaga agtctagaac acgctaaacc tgggagaaga ggatgtttta 240
 tttttatgta gcctccattt caccttctcc cgaggaacct acaagcaagc agcatgtatt 300
 cattttgctt tcaaacatgc tagactcgag gaacagaacc gtctggaact cctgcagtga 360
 ccagtaagat aaagttccta catttgcccc tgtgggtaag gtacctgtgc tgagcttcat 420
 agagcctaag tgttcatggt caaagggtag gaggctgaaa atgcaaggag ttcccaagct 480
 cacgtcttct agttcagact tgggtgtctct atgattagaa ctctaagtct 530

<210> 836
 <211> 530
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(530)
 <223> n = A,T,C or G

<400> 836
 actgagcctc accggcatat gctgttgatc gtcttgaccg tagccgttca gtccaagggtg 60
 agatgaaatc tcagagcaag tatcatgtgc atgaccctag ctgccaaagga tgctggatac 120
 ttgtgaactt ggccattttt attcttcttt tgggaactct ctccagatcc acagacgatt 180
 tttaattttt ttaaattgat ttttttggtt gtttcttagt actttgtata ttctgttatt 240
 agccctctat tgggatttat agctggcagc ttccctccca cgcttccctc tcatgtgggt 300
 gattgcttgc cttactgnng agaagcattt gagttttcct aggtcccat tgtcgactgt 360
 tggctgtgat tccggagcaa atggaacccc gtccagagaa tctttcctgc acctgnnggt 420
 ccctttcagg aatttcagtg tttccgcttt catgttgaag cctttgtccc attcaacgta 480
 gaaattttgc acaaagnaat agatattgca tctaatttca aaaaaaaaaa 530

<210> 837
 <211> 528
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(528)
 <223> n = A,T,C or G

<400> 837
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 aaaagcacgt tggggacatc acagatgtca gacatgcatc acttgtgctg tcatcaatcg 120
 ggtccagaag gccaaactgca caaatacctc taatgctatc tgtggagact ngctngccc 180
 aggttctacc gaaagacacg cattgggggc ctgcaggacc aagaatgcat cccatgtaca 240
 aagcagactc cttcttccga ggttcagtg accttccagt tgagcttagt gaaggtagat 300
 gcacacactg ttccccctag ggaagccaca cttgttgac tggtggaag tctgctagt 360
 gtntttgctc tggccttctc tgaactcttc ttcntttatt gcaagcaaat cttcaacnat 420
 acnttggaac tgcannaatt atatctattt aatntttcac ataaatcann aattaaaacn 480
 gggctttttt tttntttggt aaaaaaggac tttttctaaa aaaaaaaaaa 528

<210> 838
 <211> 527
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(527)
 <223> n = A,T,C or G

<400> 838
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 caggtcactt cttcntttcc caagggcaga cactgctgga aggggttttca ctcattggca 120
 gcaagantcg gttgaagant gtaagacgca tggactgtct tctggttggga acaacaataa 180
 agaacaagag ccgaatgttt cgtgtccagt ttagtgggga gtccaaggaa gaggcgtgg 240
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 gcaccaccca ggagcttcag cagagccaag gcccccgga ggcaggtgaa agccaaggga 360
 aggaccact gcancagggg ccctccctga ccctggagca gcacgtgtgt atggcagctg 420
 gggcaggtgt tctacaggaa aggacctnag tgacacatcg agntcagtct atcctggcgc 480
 cagagaagct gaccctcgcc tatgaaggct cttcatgggg aacagaa 527

<210> 839
 <211> 527
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(527)
 <223> n = A,T,C or G

<400> 839
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 ctgaaagcag agagtcaaat ggataccaga ctgcccctgt tctctcgagg ttgtntcaca 120
 gagccaaata atggatcaac ccagggccca tagacagtaa acagagtatg gtctgcacca 180
 caatgaactt cgtattattc accacagaag agaggcagga ggcaagggga tggatggagc 240
 agcatataga actccttgtc actccgccct gataacctga gttccatttc tgggacccag 300
 agaaaggaag cgtgagagaa gcagctcccc cgggtgagcac catgactctc atgtgcaccc 360
 aagcacacag gaagaccctt gaccacgggt gctaagttaa agaagccaga aacaaaagac 420
 tccgctaag caatggatgt ggggagagcc agccagatca gaggcaaagg agagtggcgc 480
 ttacttggga gctgaagga gcttggagag ttagtaccta agaggca 527

<210> 840
 <211> 524
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(524)
 <223> n = A,T,C or G

<400> 840
 gactgagatg caaagangcc tttccagaac agnaaccag acntgtgagc cgctggncgn 60
 acacaacaga gnantgantg ccatgtcact tttcttgctg tccaaaacac cttcaacagt 120
 gcctgagtag atcaaaatgt tctgnttaat gtactctgga gcagatctgn ggccttctctg 180
 aagactgaat tgagagangc ctnatgccgt gtgctagggt ggttctctaa gacaaagcta 240
 tgggtctcagt ctacacacac aaacacactc gagaaatgat cttgacaagt ggccctgagt 300
 gctgacttgt aacttgctgt gtagctcaga ccagccttga acgttcattc ctcttgctct 360
 agcttctctga gtagctgggg ttatagatct ttaccactaa ccaaggcttg gctcttaagt 420
 tattttggaa taatttactt gnacttttta agcttcattt tccacaactg taaaaagcaa 480
 gcaaccaaca aacagtccct gtaaatacaa ttttggtcta cttt 524

<210> 841
 <211> 524
 <212> DNA
 <213> Mus musculus

<220>

[illegible]

gactgaggtg	ggtttganct	gctgtagcac	actggccagn	ggccatattn	actgcttgag	60
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cttggtctcag	gacanacgtn	tagtngtgaa	angaagacct	tntgacctga	taccagagc	180
acaggcctgc	agggctccctg	ggaaaggggtg	gacctctgga	ccngcagat	cgtcttgacc	240
cagccttgan	ataccaacat	cagcttgctn	gggcatggan	cgcttgctcc	aaaatggcag	300
gaagaanagc	cttggngtgc	cgaggattnt	ntacctgcgc	aggaagaana	agacaggggac	360
caggcccttc	agtaacngttc	taaacatcct	tttcgnttcg	ccctgcgctc	gcnetgnatt	420
gttagtgatg	canctngcnt	gtgggcntgc	tagagtctgt	nactaagcn	gggggaagtg	480
acagacagat	gaagtcagag	caggggaggg	agcacagcct	ggga		524

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<220>
<221> misc_feature
<222> (1)...(517)
<223> n = A,T,C or G
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<210> 843
<211> 512
<212> DNA
<213> Mus musculus

```
<220> .  
<221> misc_feature  
<222> (1)...(512)  
<223> n = A,T,C or G
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<210> 844
<211> 509
<212> DNA
<213> Mus musculus
```

 $\langle 220 \rangle$

<221> misc_feature
 <222> (1)...(509)
 <223> n = A,T,C or G

<400> 844
 tctgatgcat cccatgatgg ccttgaactt gctatgnggc tgagcgtgac cctcctgcct 60
 ccacccctctc tccctgnagg gattaccacc atatncagtt ttatgtggta ttggggatng 120
 aactcagagc cttctgcatg tgaggcgagc acctgtacca acctgagcta accctcannc 180
 cgagaatctg ctacccagga aggaagntga gttcctnadc acgancttac aaggttccat 240
 ttaannttgc ctccctttgat antctctctt caactntcag nctcaaccaa ctcaaaacat 300
 canctgcana tagatcacca tttntctttt ccagagcctg ttaggcttac tgaagatgaa 360
 gcaccacgac tgatgggnta gtaactgaan aacaaaatgg tccccatgta caatcctctt 420
 ctttacattt tgtatttana acccaggcac tgattatggg tctccctata attgncctga 480
 ttaatgggga gtaatttcct ctggccatat 509

<210> 845
 <211> 508
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(508)
 <223> n = A,T,C or G

<400> 845
 ctatacaaca gccaacgcgg agtctgatta cgagcggggac tccgacaagg agagtggaga 60
 tgctgaggac gaagtgaagt gcgagaccgt gaggatgggg aggaaggact ctctggacct 120
 ggatgtggag gctggcgctcc agtcnngtcg gctggccenc nttggaggag gatgacctcc 180
 tcaggccgag aggatgtgca gctggtcctg ctgcaggccg atgagctgca ccagggcagc 240
 gagcaggaca agcgggaagg cttccagcct gctgctcaac aataagcctg gcgtatggaa 300
 gccgacaaga ctttctgtgg cgcttgcccc gggcctacag tgacatgtca gacctactg 360
 aggaggagag cggaagaag tcctacgccc taaatggaaa agaagaagca gagggcttgc 420
 ttctgaagaa aggagatgag agtgctgcgt gccaccttgt ggtantgcag tgctctgtgg 480
 tcagcttggc ttgagcattg agggcatt 508

<210> 846
 <211> 505
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(505)
 <223> n = A,T,C or G

<400> 846
 actgagtggc cagctgccgt ttgaggcgat gtctgccctg gttgactcag aaagtantnn 60
 gnncttcacc acnctantag taagcaatga nccttagcng gcttgactg aggnctctaga 120
 tcngntngag atcgancnca tcacgacttc tgggtgctgn caacactgct ggtgacntag 180
 ctgcctata gtgggctcng ntacgaagag gtacntncna ntcacanggg gaaagtnaaa 240
 tttgctngag aggatgcat aacttgatg gtaatttcca gagnaatgag ttgncangtc 300
 cagctacgcn tttggcagat ganggcaagn gagangaacc tcacccatgg ccactgagc 360
 ctggcatatc tagcctttta tttnttnaga ggggactaga tgggtggcntg nggactacnt 420
 gtggggcggc tacnttgctt nattaataaaa gggatttcng acattctatg tgggattggt 480
 agccatctta ggacagctta gaatg 505

<210> 847
 <211> 505
 <212> DNA
 <213> Mus musculus

<220>

<221> misc_feature
 <222> (1)...(505)
 <223> n = A,T,C or G

<400> 847
 gactgagatt tattaatttt atgcatatna ntgttnctgc ctgcctgngt gtgtggacac 60
 catgcttgnt gcctgatacc tgtganggcc aanaagaggg catcanatcc cctggagctg 120
 naatcagnga agactgttga gttaccatgt agngngcttg gaatcgatcc caaggcctct 180
 ggaggggcnng cantcaaagg ctctgaatca ccaagacatg actaaagctc ccnattttc 240
 tattggaaaa nactaaaaga aaanctnatt atngcgngcg nntggagnca tatcncgagt 300
 gangaaggnn agaccactnc tggngngatt naagncagan ncantncatt tatatnacna 360
 ngcgtgcacc nttactgctt ctactgctaa accatctntn tggngccngg atttaattat 420
 tttactgag gactgnaact gccanaggtg ttctggccca tngataact ggggttgctac 480
 cttgggttnt aattccaata aaaaa 505

<210> 848
 <211> 503
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(503)
 <223> n = A,T,C or G

<400> 848
 gactgagctt atctgagcat ccattataga aaatggtect gaggggaactt ctgacgtcag 60
 caggaatggt tgaagacatt tgctgcgaac aaggaagcaa tagcctgtgc ctgctgggtct 120
 atgatgcctt tacacctcag tggttctgac aacagggtgc ttctcataac cttctgatgg 180
 cctgcctgaa gctgtgtcct ctccactgct cccaagatgg cttgaatgat cgtatctatc 240
 ccgaggctga gcacggnaac gccaatgctt ccaagganan aagtcccgat gngagctagc 300
 acananacca ncttgctaatt tatgccagtt gngacacttg agcccaccag tttaacagcc 360
 actgcaactgg ctgcanatgt agcttntccc aggatgacan aaatgacctt ntgcacnatg 420
 gcaatntttt ccgntntccc ttctttaana tcctgcagct tcctataaag ngtnnggctnt 480
 agttgggtctt tcaaaaaaaaa aaa 503

<210> 849
 <211> 501
 <212> DNA
 <213> Mus musculus

<400> 849
 gactgagatg acttggtttt cctactgaga tatgtcccag tactacagac gtgagctgta 60
 gccggacttc ccccttctga agctgctgag ctggttagctg gtggaggagg ggacaggagg 120
 ctgtcccagt cccatgccat cccaaagaaa cccagggtcaa catgcagaag ttttcaggac 180
 tgtcccctgt gtggccagggt ggctttgcag ggaacaaaac tccttccatt cctgggctgc 240
 cttggaatgt ccttggaaga agttgcatag acatactggt tgctcttctt ggccctcagt 300
 tggctgggct gcaagtcaag agtgtgacat ctgcagcctg ggtgagactg agcagcacia 360
 gaaggctggg acaatgactt cctgtgcaaa caatgcctgc ttcccatgtg agatctgagt 420
 ttattccccc agactgcgag gggagaggca gcatgctgaa taaagcttgt cacctaaaac 480
 tttgacatgg aaaaaaaaa a 501

<210> 850
 <211> 500
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(500)
 <223> n = A,T,C or G

<400> 850

gacgtctggg	gagctcctgc	attaagtcag	actgagagat	acgtgattga	cttggagggtg	60
ggctcacagc	acttgatccg	atacaaaacc	atcgcacctc	ttgttgcttc	tgagagcagtt	120
cagctaata	aaaacaaagc	aagcctgagg	acatggagtg	gtcacagaca	atattagaaa	180
cgccatcttt	tgtgtcta	agtgaagtca	tgttccatac	agttcgtcag	caatgtgtgg	240
accacttgga	cgtagaaagg	cgccgatgca	gaattccctt	cgttgtcaca	gccttctcct	300
aaattcctgt	ttaaccagca	ccaacagatg	ggcccgtgct	ctgaatactc	agcaaataaa	360
tcaacagtca	ggtgtgagcc	ttttatTTTT	ctactacttt	actgagctna	nnagggggcc	420
gcgaaagagg	ctacccctgc	cctgcccacg	atggccagat	ggacctgggg	cataacttga	480
tgattacaga	gcttccttta					500

<210> 851
 <211> 499
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(499)
 <223> n = A,T,C or G

<400> 851						
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gnaccagana	ttattccngc	ggagaancga	gctcnangta	cccgttctct	tcatnnncngg	120
tgtnccatgc	natnganttn	gagnccttgat	ctcgacgnat	gatggatctc	acggntgaag	180
gacaccccac	ccaccccaca	caaccccaga	tgacctggac	ttgcatgctt	ctgtgatttc	240
aatgtgttcc	ccaaagttca	tgtatttgaa	gcttaaattc	ccagtggaca	taccagaggg	300
agaacttaca	gaaaggcaca	gggtagaatt	gatgttacag	agtgtgtcaa	ttacctagaa	360
ggtggatttg	taatttaaaa	ccatgcttgg	ncctctctta	cctactctcc	tcctggaatg	420
atgcagaagg	aagggttncct	gccaaagctgt	ggncctctga	tcttagacct	tccaacttct	480
aaatctcaaa	ccaaatata					499

<210> 852
 <211> 493
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(493)
 <223> n = A,T,C or G

<400> 852						
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ttattctggc	tatgggcaaa	cgactgattc	ttcgtatgga	caaaactatg	gagggttactn	120
cggttatgga	caagatngat	caggttatnc	acagtcgtat	ggtagttttg	agaatcntta	180
agcagagttc	atatggccag	caatcataca	ataaccaggg	acaacaaaac	acggagtcac	240
caggaggtca	aggtggaaga	gcaccttgat	atggccagnc	agactatggn	cagnaagatt	300
nttatgacca	gcantcaggn	tatgatcanc	atcaaggctc	atatgatgag	cannccaatt	360
atcanccaan	atgattccta	taatnaataa	ccaacannct	taccattcac	aaaggnaaaa	420
ntacanccac	ccancacaca	atataatccg	cgcnnnaattt	aatctaagta	tgnaanaaca	480
taatacataa	tat					493

<210> 853
 <211> 493
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(493)
 <223> n = A,T,C or G

<400> 853

ccagaagagg	gggctggatg	cncctggaant	acaangtggg	aggaggacca	ccatgtggat	60
ggggccctgg	tccatagaac	gggcagccag	tgctctcacc	tgcttgagcc	atctctncat	120
ctctcttctc	tctgacagag	gaacctctct	agctctagct	ttgaaagtgc	cgnggccgcc	180
caagcactga	gattgntggc	acaccnacc	cgccgtccat	gccctgnatt	ntatattttc	240
cccagctccg	cagtcttctc	tcctnctctc	cctttccttc	tgaganttaa	atgcagagca	300
ttgnatacta	agccacacac	cttctctctg	cccagaaacc	attctgtatg	ggacagaaga	360
caaggacgca	agcccttctt	ctttgnagaa	tngtctagag	ctatggtntt	taacctttct	420
aacncnnntg	acactttaat	acagnancct	catgttgagn	tgaccctcaa	acataaagta	480
caag						484

<210> 857
 <211> 484
 <212> DNA
 <213> Mus musculus

<400> 857						
ctgagccctt	cctgagctcc	cccaatcttc	tcattgctga	acaaaaaag	gataaaccac	60
tctactggaa	ctctggcaga	cgacggctgt	tttagggaaa	ctgttactca	actatgagat	120
acttcacatc	gcaaccccaa	tgggtagcct	ttcaagacaa	ggggaagaag	attttgatct	180
tttaattaagg	gcagtaaaca	gggtgcttgt	tcaaaactca	gggaagggtt	ccccaaactc	240
cttggtggag	aacaccaagg	cttctctgag	gtgttctgag	cctcagccag	atcttgtaac	300
agattggcct	gattcacttt	tcagagctac	aggccacgcc	atgatctctg	ccaacacctg	360
agccaggtct	atggggagtg	gcagctcctc	cccagaccag	cagatggaag	ggaaatgtac	420
tcaccttcac	tttaccttca	ccaagtctat	gaggaattaa	aggattttta	gatgaaaaaa	480
aaaa						484

<210> 858
 <211> 479
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(479)
 <223> n = A,T,C or G

<400> 858						
cagatgtgcg	tctggtatct	taaaaagnat	catcaccatt	atcatcatcg	tcacgtcat	60
catcatctat	gtgggggag	actgatattt	tgctgcata	tatgcctgan	taccacatct	120
gtgagntaga	cagttgcnga	gacaccatgn	atatgctgta	gaactgaacc	tgggtcctcc	180
agaagggata	gncngtactc	tgagcacggc	tttctcgaca	gattctgaac	aacagntttc	240
aacttagagc	ttngaagatg	atagaagtcc	agaatatcca	aagctaattc	gtgtattaga	300
atgagcaata	ggaagatccg	tgtctgggtg	gcaaaaaggc	ccaaagaaaa	ttaaagaata	360
caccatgcag	agctgctgg	aggtaaccac	ggggcatata	gaaaaccatc	aggtttttat	420
ggagcaaaaac	aatgaacttg	acaaaaggaa	cttggaataa	ttagtaatca	taggataaa	479

<210> 859
 <211> 477
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(477)
 <223> n = A,T,C or G

<400> 859						
ccctatgcca	ggtggggcag	nnctgcagaga	gnaanagacc	ctggcgagca	tggtctgtga	60
cactggatga	nagnnagact	cagcaagtga	cgaagatgtn	acaacaaant	aacttacaca	120
actggataga	gacgcttgcc	cacagnagaga	acnncgcagc	ataatggaga	tgaaggccga	180
ctggggccagg	agtgtatggg	agatgatcan	gactttgacc	accagacaca	gaggacgcct	240
gctggaccct	gcncgaatgc	agntcaagat	ncgatgcang	ntaannagnn	agnncctann	300
aagngngtat	ccacgcncna	tacctgnnct	ctgnccgttt	ccaagngnag	ggcaacttgt	360

gattagggcc tgggtttcat ttctgtaccc tctnecatct tcttttgctg gcctctggcc 420
 ttttgacaca tacntaagga aaccttccta aaacaaaggn taaaaatact tccctta 477

<210> 860
 <211> 474
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(474)
 <223> n = A,T,C or G

<400> 860
 ctatcttacc agagatgtan ctgaacatat ttttcttcag tgctttttctc ctgngaaacc 60
 cactatggcc aggaactgct ctgagngcnt ggagaagcgn ncagnacaca tcctctgnac 120
 atacatgcaa ccgntggctg ngcagcctcc tgcacagagg agcaccgncn tgnccagcc 180
 ccgnggggcc cactntttgc acgggcacan aagggatcct naggggtgaa tgggtgntct 240
 ggggactttg ccttgtactg cctctgcan acacannaag tgctcaagct tttctgcgag 300
 acgtgcgatg tactcacctg ccacagctnc ctgatgggtg agcacaaga gcacagatgc 360
 aggcacgtgg aagaagttct acaaaaccag aggatgctcc tggagagtgt gacttcccag 420
 gnggcacata agaatccag cctacagaca tctgcaaagc aaaatcgagg acag 474

<210> 861
 <211> 474
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(474)
 <223> n = A,T,C or G

<400> 861
 tcaccatgca gcattagcac acattgggag acaggcngtc natcacaggg tgattnactg 60
 agcnnnnnt tnnngaaggc gaatatgggtg cnnncttct tttgtttcnn atgggtgggtg 120
 ctanagaagc aaantgcttg gnnanagncc ttctggaaca ancatntgnt gtaaaggaag 180
 gacagactga canggnccac actctgnngn cnagctgatg ngacccaaan cctctccaan 240
 tntnctgct cctnccactg angaagggtg acccttgggt catgcccttt gatcctgcat 300
 ttatcacctg tatctagatc ttcattaaga accaacttca ttaagagact tgnntacctg 360
 ggccccagat cctctgctct gtgcggagct gaaaggagcc gggctctccag tacgcagccc 420
 tgagccctgg cccagccacc ttcccttcca ttanacacca ccacctgttc ctgg 474

<210> 862
 <211> 473
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(473)
 <223> n = A,T,C or G

<400> 862
 tgggtggcatt caatcaaaac aaggccctca tgggtgaccg gggcctgctg ccctgcaaac 60
 tgtacctgaa gaatgtccag gagtacttcc agggcagcac tggctgggct gcctggacct 120
 atgcaccaac cattatgttg ntgntggact ggctagacat gaacttcaac ctggacctca 180
 ttgctcttct tgggctgggc atcncgtntc ttgtcctggt gaccggctgt gccaacatga 240
 tactcatgac tgccctctgg gccctctaca tgnccctggt caacgtaggg cagatctgggt 300
 attcttttgg annngnnchna ccangcngaa acanaccgag ttctnnanaa cntnctgagc 360
 actctctngc acnctgatcc cncctgctca ataacacccc aacntcccag angggactga 420
 gngccttncc catgntctgat ctgananaaa caagccttgg accagggata tca 473

<210> 863
 <211> 472
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(472)
 <223> n = A,T,C or G

<400> 863
 gactgaggcc tggctgtccg aggtgaaagc ctccctcttt ttggtcctcc ggatccctcg 60
 tccatagaaa tcctctggac tttgtaccgc aaagtgaagt cctccagatg gtcgcttggg 120
 tacctgtccc tggccgacca tggcctttcc tctgatgggt acagcatgac tgaccttacc 180
 caggaaatca tcaacattag cttcacactc atgaggccct tcctgcccc gctgcttctg 240
 cctagttctc agccttgtat cctgctggaa aagcagacca tccagctggn nanccacgaa 300
 gngggnagat nntacaaggg tnnnctccac agccagcccc tgctcctatt canntccatg 360
 anggagnggn ngagngtcna natgnaatac aaatnccaag accncnannn ncatncgtag 420
 tcnnangncn gggnaaaaaac ctnnccnath atntangaga tgccacctct tg 472

<210> 864
 <211> 470
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(470)
 <223> n = A,T,C or G

<400> 864
 gactgaggct gatccagggc tttgagctga ccaactccaa catctacccc attgatgaac 60
 tgctggagct cgggagcttc ggaaggggct ggctgtccan acccaaagcc gnaggatctc 120
 catgacacag gggccagaag aggagagctg agaggaatcc cagtgaggat ccntcagtga 180
 cagtgcagca ggcagccaga ggcctcganc cagaccaatg actcactana atgaacatac 240
 gcangtaaag ctatttgggc aaaaggggtg cctgtgggac acactgtgac acactacagc 300
 ttccatgacc agatgggtttt gctattcttg ttgtgctttt cttttctttg gatgggagtg 360
 tgtgttgcaa gggccgaggt cagatatgga gggtcagggg gacnaatagg atttccgggg 420
 cactatgtga aattgacaaa gcaccaataa aaagttttta aaaataaaaa 470

<210> 865
 <211> 469
 <212> DNA
 <213> Mus musculus

<400> 865
 gaggcgtcaa gcacggctgc agaaggagct tgcagaagca gcaaaggaac ctctacctgt 60
 tgaacaggat gatgacattg aagtcattgt ggatgagacc tcagaccaca cagaagagac 120
 ctctcccgtc cgagctgtca gcagagcagc tacgagacgc tctgtctctt ccatcccagt 180
 cccccaggat atcatggaca ctcatcctgc ttctggtaaa gatgtgagag tcccaactac 240
 tgccctcgtat gtcttcaggc actagagaaa tagttcatgt taaaagtggg gagctagaga 300
 gaagactcaa tggttaagag aactagctgc tcttcagaa gacctgagtt tgattttcag 360
 cacaacatgg cagcttacta ctgtcctgtg attcgaagac ttaagttgga taaaaaactt 420
 caatgaagtt ataaccttta ttaaactcaa ttaataaact taaaaaaaa 469

<210> 866
 <211> 468
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(468)

<223> n = A,T,C or G

<400> 866

gactgagaaa	tggaaaccct	ccttcgggca	cgtgncagga	aagcgaantc	ccctggcggt	60
cagacccagg	ctnaggacnt	ttccgtggta	gcagggaggn	tctctctcat	catatggaat	120
ctgtgtgcaa	ttgaagcatc	ctggaaaacgg	angaaaagaa	ggcaaggaaa	agcctggacn	180
gcctctgaag	cgnagcgaca	atctngatcc	tttcctatnc	aatctgttnc	cccaccccc	240
antttggctg	catggctggc	tatctgtacc	acagaactna	ccacgacnct	ccatgacact	300
gngnttctgg	gngtccatt	tctcangatg	gaaccaaagt	ccagcccaga	gncctatctg	360
catccacac	tnccnttaca	gttatgtnnn	agtgtcatg	gtngtgactg	nntgnngaca	420
tggnggggct	ccaggaccta	taggccagaa	taggatccaa	gctgaact		468

<210> 867

<211> 465

<212> DNA

<213> Mus musculus

<400> 867

gactgagcag	aagacccac	ttgtgagcat	atgccagtac	catggtatga	tcttcaagaa	60
tagcagcatc	agtgaagtgg	atccacctga	gcctacagtg	ctgcagaaga	cagagctgga	120
aacctgaagc	cagccccttg	gaggaggcca	gaagacagga	aagaccccat	cagaagagga	180
aaggactgac	agaacctgaa	ggggattgca	accccatagg	aagaacaata	tcaacccact	240
ggaccataaa	gagcatccag	ggactaaacc	acctatcaga	gagtatatat	ggagagatgc	300
atggctccag	ctctatatgt	agcagaggat	ggcttcatct	ggcatcagtg	ggaggggagg	360
cccttggtcc	tgtggaggct	ttgatgcccc	agtgtagggt	gatgctagag	cagtgtgaat	420
ctggagtggtg	tggaggcgaa	gaggggggatg	gaatgggtgg	gtgtg		465

<210> 868

<211> 465

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(465)

<223> n = A,T,C or G

<400> 868

gtccgggtcc	tgggtggtccc	atctctctgc	tcagggtacat	ggaatgccac	gcacctgctt	60
gcngctcaca	ctcatatgca	cacactgctt	acgcaccgga	ttccccctcc	aacgccgccc	120
tcacatgtgc	acaagcccgg	cagatttcc	tttgtgtca	ttttgcgggc	ctctggttct	180
cctctcccgt	ggccacattt	cctccttggt	ccccctggcc	tgctctcttc	ctcttctgcc	240
cctctgtntc	gngtgtgccc	tgggagagaa	gaggcagccg	cggaggngtg	accaacgcat	300
cccacgaggg	ttgagttatg	gaagaaggct	gggactgcan	ggctggcctc	cggcctgcgc	360
cctgtttgtt	ttcccttagc	cccctgaatg	ctagattaag	atgtaaagat	taccccggcc	420
gaataaagcc	gggagtcaac	actcaagcaa	acaaaagtgc	ttgca		465

<210> 869

<211> 464

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(464)

<223> n = A,T,C or G

<400> 869

gactgaggaa	gacacaggca	gtatgccctg	ccttgctgac	cggnctcatt	aaatcaccat	60
gaanacagca	aaggtgactg	attgcatggg	gagcctattc	cacacctctc	cctggatagc	120
caagggccag	tctgacccaa	catgggggaa	ctagcctggc	ctagtgtgaa	actcaagaaa	180
gggggaaaaa	gtgtaaaatg	tcaaataaga	ggaagtgtgt	tccatgtcac	gctaaggcca	240
agagggagct	ggagttgaaa	ctccactcct	ctgtccccctg	ttgtctgcct	agcaaagggc	300

tttgctctat	actgagcagc	acagaaaaca	aggtatgggg	aaggaatgag	tgtgctttgc	360
tttgtagagac	ttgatctatg	tataccagag	atccatctac	ctcagcctct	tgagtgtgtg	420
gattaaaggc	aagtgccctt	accactacca	tccaaaaaaa	aaaa		464

<210> 870
 <211> 463
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(463)
 <223> n = A,T,C or G

<400> 870						
gactgaggtg	gggtctttcc	gtctagcaaa	cactgcaggc	gnggtttgaa	gatggcccag	60
aactctgggtg	ncgctgtccg	ccggcgatca	agccaacagg	atggcccacc	gatcctccca	120
aggagatctc	aaccggtcgg	ccatggcttg	ggcaatggtc	tccggagata	gcttcctggt	180
tacctaggct	ggatccgaat	cagccgggac	ctcggccacc	agcgcgaccc	agcgttcggg	240
ccgacagacg	tcgagtcctt	gtcgggtggc	gcagccggag	ccgaagccgc	caaggcagat	300
tctcgcttta	cccgatccca	ggcgtcaagc	tcgacctctt	aagaagtgtg	ctgcagcagc	360
gtctggtttg	actgggaact	gctctcgcaa	cccgaatctc	agcgtagaac	gaatgcctcc	420
cctcacttag	cttacaaaca	aggcctttcc	aaaaatcaaa	aaa		463

<210> 871
 <211> 462
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(462)
 <223> n = A,T,C or G

<400> 871						
actgagagac	actactgatg	agcaagcaca	tgcaaaggca	gtgaacaaga	agatgacaga	60
tgcttagaaa	tgccactggg	agctgantgc	tgtttaccat	gaacatcaca	aaccctcgac	120
tccgacttcc	ggttccacaa	gttcttcctc	tggatttcat	ttaccaaate	tcctggagac	180
cctgtacagc	aacntggata	gggagtagcc	aggtcctact	gactggctaa	ggacatgaca	240
ttggaaccgg	gagagtatgt	gtcagatnat	acnggtcaag	tccaactatt	tactatctga	300
gtgcctanga	gattcctctc	tttggcgctc	tggaacttgc	tgtgtaaatc	aagctgcctt	360
gagctcgcaa	agttggcttc	tgctctttga	gtgctggtat	taanaggcat	gcacaccaca	420
cccagaacct	ccctttttca	taataaaaaat	tatagaatac	aa		462

<210> 872
 <211> 462
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(462)
 <223> n = A,T,C or G

<400> 872						
acgcagtgca	gaaaaaggan	cttggccatg	tcaatggact	ggtggacaag	tctagcaaac	60
ggactacatc	cccagcagt	gacacttgac	ttgttggaca	gaccagctag	caaaactgaa	120
ctcaaggcca	ttgcccctgc	ccggatcctg	gaaaggagag	ccagccggcc	tggcaccccc	180
acatccaacg	ccagcacaga	gacccccacc	tctgagcata	atgacgtcga	tgaggacatc	240
gttgacgtgg	acgaggagcc	agtcgcagca	gagccggact	atgtgcagcc	ccagctgcgg	300
cggccttttg	agctgctgat	tgctgctgcc	atggagcgga	accctaccca	gtttcagttg	360
cccaacgaac	tgacctgtac	cactgcacta	ccagggttagc	gacatcatca	tcataaccct	420
ctcttaccct	ggcttcccaa	gggattacta	ctgcccgtag	cc		462

<400>	873						
gactgagctt	tgcagctccc	tgggggatgga	ggtgtttgtgc	cactgagga	gtttgaaatt		60
cgatggtact	gactgagaag	gttgggctga	atcatctgat	gcctaaagct	gactcaggag		120
cagcactgct	ccttcacctc	agcgacgcaa	ggtgtttaga	atcccagagt	tatcagatca		180
caagaggttc	cacaccaatt	tcaaagaaaag	ccaagagga	caggatttgt	gtggcagggt		240
caagatgcct	gcaggtcttc	ctgagaagat	agtgcataaa	gctgtgaagg	tgaaacctaa		300
gcatccacag	agactccagg	aagggaaaaga	ctccagaagt	atagaatatc	tatctgcaga		360
gntgangggga	ctattnnaaa	nattcnggnc	cctcngagat	ncngtgccta	ttaaagagga		420
tacatgcgcc	ctggatgctt	cccttgaagg	ttattcctgg				480

```
<220>  
<221> misc_feature  
<222> (1)...(459)  
<223> n = A,T,C or G
```

<400> 874							
gaaggccatt	ctatgagggg	ggccttggat	ttgnnaaggn	ctgggtctct	ctgcatnaag		60
gaagannacc	gccgncaggg	gagctgccac	cggagacaag	cactcacagg	anctgagagg		120
agctggatgg	caganaggcg	tttgtgggtg	tttatangag	ccaagggcnt	gtggagaggg		180
ttgtggatgc	tatcagctcg	gtggattaaa	tgcccattta	cattgttatt	gatataataa		240
tatccggtac	caagcacaca	gtgaggaaaa	ggattccttg	ggcaggaatg	gggcacacac		300
cccaggatat	ggactcttct	ttgcccaaat	atatccatgg	ggctcgtgta	aagtgagttg		360
ctaccctgaa	gttgaaaccc	tgggcctcat	cctcaacatg	tcagcgacag	cctccttcac		420
tcccaaggca	tccgtggcta	gccaggttcg	aagaagaaa				459

```
<220>
<221> misc_feature
<222> (1)...(459)
<223> n = A,T,C or G
```

<400>	875						
cgaaacagga	ggatcgtctg	ngtttngtga	ccagctaagt	tccaggccag	ccagagctac		60
atgaagaaat	cctgtctgaa	aagcaagcna	aanaaggang	aanagattnt	tgntcngtt		120
ctncaatgtn	gatgattact	acngtcnttg	tgtggatgaa	aaaaagccag	ctcanagant		180
gcttggctng	ttntngatna	acttgacacn	agctanagtc	acttgnangg	nnggaatntn		240
anttgcaaga	aagccacttt	aaaaatccag	ctgtaagaca	tttccttaat	tagnggctga		300
catggggagga	ctgagcccat	tgtgagtgtg	gntatccctg	gactggnggt	cctggggttct		360
ataacanggt	agcntgancg	agccatanag	agnaagctct	tgctccagg	ntcctgcctt		420
gtttgagttt	ntgccctgac	ttcttttggat	gatgaacag				459

233

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(458)

<223> n = A,T,C or G

<400> 876

cagactgagg	agggtatccg	ncgagctgtc	gtctgaaccc	cgaggtcata	attcacctac	60
atgacatgct	gccacccttt	gctgatgtct	caacccagct	acttcaacct	tccaatatgg	120
atgtccggaa	atcctccagg	ccttcatgac	cagcctggga	atgctgagtc	tgcaagcatc	180
catgagacct	ggcagccacc	aggttctcaa	ccaccactgg	gctacacaga	tcattctatn	240
nngtaccttn	ccaagacncc	nacttacnng	gannnagnnn	ntnctggngg	actttcctgg	300
nactngaggg	accnagctat	ncgcgttaca	caagacatgc	tcntggactg	aacaactgan	360
caacngnnng	aacnttggcc	tctntatcag	gagacaaccc	ttggtggctg	actcagacca	420
tagcctgtat	tagtaantct	ttctcatatc	ttatgaca			458

<210> 877

<211> 457

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(457)

<223> n = A,T,C or G

<400> 877

gactgagctt	gccagcacct	tccgataccta	caagaagtag	tccttgggaa	agaggctccc	60
aggacaaagg	ctgnggcttg	tcttgctgtg	gatgtacttc	tatggagaca	ncacagggct	120
gtgacaggat	acttctgctc	ttccaccaag	cagcaagtgc	ctggtgaggg	agaatgggtcc	180
tagccaggcc	ctcataanca	ggggacaacc	ttctcttgac	cagatgccag	caggatgac	240
ttccttggac	accagcaana	gggccaggac	ctgggncata	ncatgcncn	tgaacacagt	300
gtttctgaaa	tgaagatgac	anccttgtga	ttggcctggg	ngctcccat	ggtttntncc	360
tgncagntcc	accatccnac	tcaccngaa	ctcttcctta	tgccccaca	cccatnttta	420
ccacattngg	attggccctt	gcttccaaaa	aaaaaaa			457

<210> 878

<211> 456

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(456)

<223> n = A,T,C or G

<400> 878

gcttcaggaa	gtccctgnng	ctgnccagat	tcactaggcc	cctncctatg	agaataagca	60
nctacagact	gagagtccac	ctcagatgct	gagcctgcnc	agaagactga	ggcngctgng	120
cngccnggac	tcangcncgc	tgngcttcnn	nngangatnt	ctcagaggag	anaaccgcg	180
aagacaacnt	ngncncngtc	ngctntccng	gangaggttt	ngccntggaa	accntgaggc	240
accctggaaa	cggacacntn	ttcaaccntg	tggagcntgc	cntgatgacn	tgtgcaatgc	300
gcnttcaggg	tttccacct	gtgtgagctg	tcaccntgc	tggagtgggc	tttcgtaata	360
tagctgtctt	tgagttatnt	ctgttcttgt	aactaaccct	tcattccatac	ttctgtaggt	420
aatccaaatg	aactcaattg	ttcaccaaaa	aaaaaa			456

<210> 879

<211> 455

<212> DNA

<213> Mus musculus

<220>

```
<210> 880
<211> 454
<212> DNA
<213> Mus musculus
```

<400>	880						
ttgatccatg	aggagaacat	ggagangaac	tggggaacag	gatncnagnt	gctcaaggnt		60
ggntacgtgg	ggactccagn	taccacana	ggccataaga	nagagctgna	ttgtctggna		120
cgtggagtta	aaggtggcct	gtncccaatg	tgatgccta	ggaactgaac	ctggnttctg		180
caagancaaa	ttcttttaac	ttctgagcca	tctttccagc	tccagttctc	ccttattaaa		240
aacaagagag	cttgctcctc	ttttgctctt	gctcttccct	tcttgctccc	gccctctccc		300
cattcctttc	tccagcccc	cttccatgta	ctcatggctg	gtctctactt	ctctctcttt		360
tctctctctc	tttctctctc	tccgcctttc	tctgcctctt	aactctcttc	cccatgccct		420
gaataaaactc	cattctatac	taaaaaacaa	aaca				454

```
<210> 881
<211> 453
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(453)
<223> n = A,T,C or G
```

<400>	881						
agactgaggt	ctagtcttcc	ttgagggagt	tagggcagaa	gaagaagaag	aagaagaaga		60
agaagaagaa	gaagaagaag	aagaagaaga	agaagaagaa	gcngangncn	ngaagatac		120
tntgagaggn	tgcctgttta	tttgntcgtc	gtactgatta	ttatttagct	tgctttctta		180
tggcncgccg	ggccttcttc	ccagangagn	tcctctccan	gntgggttgc	cccctccctc		240
ntttgtccta	cagcnaactg	ctggngaggt	ggatcagtg	taaacagccc	nggctgctct		300
tctggatact	cctgngttct	nttccanca	tcgttggtgt	ggttcaccac	ccctncataa		360
cgagatnctg	ntgcctctct	tctgggggng	nctggcggct	gcctnengt	ttctttctta		420
ttatagatga	attnttcttt	ttttttttaa	aaq				453

<210> 882
<211> 451
<212> DNA
<213> Mus musculus

```
<220>
<221> misc_feature
<222> (1)...(451)
<223> n = A,T,C or G
```

<400> 882
gactgagcct gggctgctgc ttctangcaa aggaaaaaca gaaatgcgga gtgaaaaact 60
acggaagtca tgttctagca gccagacaca atgggaagac tgtngtgcaa atgacaactg 120
taggctcggtt ggcagatctg tcccaggacc acagcagggg aggaggatgg cctggtgccc 180
cttaatggaa cacacacaga actgactgga gacgtttccc tgcatttgtc tagcatatac 240
gaacacgagc acagagaaaag actgcatttg gaaacttaga gaatcatatc tagaactagt 300
gtgttaagga aacaccacgg agaccttgcc atgacttgct tgnnttggtcc tagtctcatt 360
cagnttcttt ctaatttttg ttgttggtga tgncaatttg tctttccaga caaggtctct 420
gtgtatcttg gctggcctgg aactcataaa g 451

<210> 883
<211> 450
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(450)
<223> n = A,T,C or G

<400> 883
accattttta ttactagnag gaaaagattc tttatcagnc aatnacagtt cnnaaccttt 60
tccttctgtt tcagaggaaa aaaaaccagg gaacaaaatn anttncatat tctctggcac 120
agaaaaagct gacaggnctt ctgaccgctg ancttctctg ttcaaaattc cnggcacnaa 180
gaactgngcc ctactctttt tatactgnnn antgaggatc ggagcctcca cnggtgtgaa 240
ccattagaga acangccana actnaattat tgcagtnta tttaagggtg cctgnttata 300
atggntaatn tcagttgtca gctttatnta tgtntaanca ngatggganc acctgcctac 360
tnggggtggc ncatttgctc gctgcnggcc tggactgcca agtgggaagg gagctgngtg 420
aangggaggaa gcntccattc ttcccaggct 450

<210> 884
<211> 449
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(449)
<223> n = A,T,C or G

<400> 884
cccgcagagt gagctgcntg gctggnaaat ncaccgaaga atatnatnnt tgctcttgac 60
tgnacgctgg gggatngnct ccagccagac tgancagttg gtcatgaaca ctacgnctnt 120
ngaagcagaa gncttctaaa tgggacagcg ctctagcatt gtcagttctt gaattccctc 180
cagtgtacac cttacnaaan tagtcacngc cctgangctc ttntntnttc cgacccancn 240
atganttnag cccaggaacn ctatngaagt gctgcaaata ctgtgaactg tgctaccntg 300
ccaccaaaaca ntacattctn tatntacana aagtcnntaa acattatttt anaattatan 360
acaggtctgg aaatagttac ntattgacgc angaaaccag tgcaggatag agaattgagag 420
gaagtgttga agnctgaatg attttcaat 449

<210> 885
<211> 448
<212> DNA
<213> Mus musculus

<400> 885
gtgggggtctt tcaagagaag cggatatggca ccagaggcgc tgagggggctc gggataaagg 60
gtgaagccgt cagtgtctct ggaaacgaag ctgccccaaa tttctgagtc accgtggaaa 120
gaggactgca ccaccatctt gaaactgggc aaaccgaagc aagaaaacgcc tgccatattg 180
aatctttgcc agcttttgtt taaagggaac gagcgagggc ctagaggagg ggggtctagt 240
tggacggaag gaagtgtcca tatgctttat aggcatatga agccatacta actgccacgt 300
cgggacggga gcagacgttg aatacgaacg agggacgtca tgccgcttgc gtgtgagcat 360
gggcatgcat tcatgccgct tgcctacgct tgtgtgagca tgggcatgcg gtcatagttg 420

ttgcggggcaa ttcgaaacag tagcaaaa

448

<210> 886
<211> 447
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(447)
<223> n = A,T,C or G

<400> 886
gactgagttc ccgaggagac tttccgaatg gatgccactt taacagctcc gtctgggagn 60
tgtgaaganc tgatgggagg gaagccctct cgggaaagca actcgccatc aaccagacat 120
gtccgaaggc agggaattca gccaggagct ctctctccgc cacgaagaca ttggagtcac 180
gggacctctc agcagccctg tccgtcctga tccagcggta atgggaacac gcctggagct 240
gtcctgtgat tcattgcccc cctccattac tgctctgagc ccattcatgt cagcaccatc 300
tgtctaaaaa cactacccag gaatgctttt taacgtcatg atcacatcta gatgagggtca 360
ctctgccagc ctgaggcttt aggtctgcag aggaaggaag ccttttctct gcagaaaata 420
aaaaggacca tgtgcaataa aaaaaaa 447

<210> 887
<211> 444
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(444)
<223> n = A,T,C or G

<400> 887
ctgggtacta gcctggactg aggccatgct tgctcattgg ggaactctna nggtagggcn 60
ggaagcgtga natnnctccc tntcaacgat gaatgatnat gccnnaccca ggaccacgt 120
ccacctcttt gaagatggct gcangagccc tanngtacca cctngacca ggngccacat 180
tgcttggtta cacctaagac gntatngcat nttttattcc ctaagcactn tgantgtgan 240
ataaannaga tttctcnggn tntccacaan ctaantgagn aggctgaacc tgantcttct 300
gangagancc tgactaacca acagcctgga cngagtgatg acaatgcgac tagagcctgg 360
tgtantgggg ggatgggctn tnccttattt aaggntcaga ctcaaaagag taaactttgg 420
cccttgatct gtaaaataaa aaaa 444

<210> 888
<211> 442
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(442)
<223> n = A,T,C or G

<400> 888
taatgataat aaccctgtcc tgccctcact gcagtggcca ctggnagngt aaaatcatac 60
atnacagagc tcaagagcnc caacaagccc atnannnggg atnttggcac agcctcagcn 120
tgtatgatgt cgtattttgag ganctgagac cctggaggat aagnntgtgc tgnnccctga 180
aatagngaca ccttcnttga agcttgacct accctaanga cactttaant tgtcttttga 240
gtgataaaca ccctntcnc anaggcaaaa gctnagatgg nccanaggna gcgagtacta 300
tctgagncca tggattttgag ggtgcnttcc atgagnccta nngaggcctg caaagcattt 360
tntcccacca nacgcttgnc acngactatc ngacgaggnc caataaactt tcnaaggggg 420
tntcntaag gaatgaagcc cc 442

<210> 889

<211> 441
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(441)
 <223> n = A,T,C or G

<400> 889
 cctgcattaa gtcagactga ggtgacctgg aagtgtctat gagcttcaga accttctgcc 60
 tccactgtct aaatgctggg gctagaggaa tacaatttat gcagtgggga agatgaaccc 120
 aaggcttcat gtgtgctagt caggactcgt tcttgagaag agcagcnttt ggaagagaca 180
 gccaaaaagt gatacagggc acgaagagcg ggatacgtct gatgaggaca ttgacagtna 240
 tncacacnca agggaaagag gtgatggctg acagtaggtg ggaaggcaag tgcctnagta 300
 ntaaagagcc aggcagactc acagncaaat tctgtctgna tacgatggac gtaatttgtt 360
 tgagtntttg ttactagtna ctaagcctaa caagggcntg ggagaaaatg atcataataa 420
 aattcctacc ttgggacctt g 441

<210> 890
 <211> 438
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(438)
 <223> n = A,T,C or G

<400> 890
 tcttggtccc ctgtccagca nngggangag aacgctgtgg nntactgtaa gttcaccctt 60
 gccacctaata ttctgcacct cctgggtttga aaattccttc tacaatggac agaacagatt 120
 tgntatntat agattatnca ctatcaaanc caaatagntc atcaactgat ttggaaatta 180
 aagattgtgn tccgntaatt ttaaattcag atgaatgcta tcagagtttt gcanancccc 240
 cttcttcanc aattacttct tgtgaaaatt nngcaacacc atctcctccg naagttactg 300
 cgattccaga agacattctc cagatgataa caagagcaca ggtcanacct agcttctccc 360
 ttggatgtta angngatgcc acgnaggatg ggcaccngaa gngctgccaa caaggaaaaa 420
 tgggaacggg aattctac 438

<210> 891
 <211> 433
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(433)
 <223> n = A,T,C or G

<400> 891
 gactgaggac atgtccagtg aggaggaggc agcggcagag gcagcaggtg acacccacct 60
 gcttggtctt tccgatgaga tccctctaca catcctgagc catgtcccca gcacggacct 120
 ggttctcagt gtgcggcgca cctgcaggaa actggcagcc ctgtgccttg acaagagcct 180
 ggtgcacacc gtgcttgctg cagaaggact accagggacn nnnannagat ngcantacca 240
 tatgctgnga catgtnnngn cctgttgngg agtgttgnga natagctacn gcnnncnnnc 300
 tnatnaaann tgaagagnta canacgtgnn nctttttnct ggaccagaga ntattcggng 360
 gaaatngggt cccctcccc ttncttnata actggngtga caacantaaa atttgagcct 420
 tgatgagaaa gaa 433

<210> 892
 <211> 433
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(433)
 <223> n = A,T,C or G

<400> 892
 gagctctggg gagctcctgc attaatgacg actgaggtcc tcagccctcc ctgtcaccag 60
 cccagcagca cttatagtcg cccgtgcccc gcgccccgga ggccctggca ggaggcccca 120
 cccaagctgc cccgggagtg ctgtgtggag gaggaggagt gggcccaggg agatcngnng 180
 cccagctgng gaggatggcn ggacaanctn aacgcgcagt acgagccggc ggaaacaana 240
 agagcagcat ctacaccgac cctcaccctg gagggncatg tacantctct tcatgggact 300
 cctccccctta cccnnggagc ctggagcggc anaaatggag cccaactant gtgcctacac 360
 ccgccccggg gagctnggag acttnggggg caggaccccc tncgtcttct gacancctgg 420
 ccagcgcggg gga 433

<210> 893
 <211> 432
 <212> DNA
 <213> Mus musculus

<400> 893
 gactgagatg aaggaggcaa aagctagcaa tgaaggctgc cagagaagcc cctacggggtc 60
 agaagtagag acacagagct gtaatctcag tcctacggag gcagagccaa ggaggactgc 120
 tttgagtttg aatcccacca aggtttcaca atgaggctta gaaaatttta aatcaaaatg 180
 gccaccaggc cattttgagt gtccctctga ctgagtgag acctcatcta ccaggctggc 240
 tcaacgcctt caccacaaaa gaactgtggg ggctgctgtc ctcacagcca aaatggcaat 300
 cccctccctt cctacttcag agtcacatac ctctccagag ggctatttac aatgatgggtc 360
 accaggaccc agccccaca gggcctgctt tctctctgag gaaaataaag gttgaattct 420
 aaagaaaaaa aa 432

<210> 894
 <211> 425
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(425)
 <223> n = A,T,C or G

<400> 894
 gaactgaggg cctctctttt ttnaggcaac tagaacaag tcaccagtcc tgcattggact 60
 ttctggaaac cgagtcacg agcaaagcct tccttctggt tcgcctacga gccagctccc 120
 ttctctcaca gaataatgga gagcccgagg gcttaactca ctcttgacaa ggaaaaccgg 180
 atgaaataag aacattgagc ttctggggac accagatttg cacccttagg gttccgggct 240
 gctttgcaat tcattgttca tctatctcct gtccctggcg tgggggaaga gtcggggctt 300
 attcctctgc agagaactga atgaagaata ggcctgtggt gagagagtga caggcagtgg 360
 gtttttaaat gaaaatttat atgcaaagt gcattaaagt gtctgttaat ttttaaaaaa 420
 aaaaa 425

<210> 895
 <211> 423
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(423)
 <223> n = A,T,C or G

<400> 895
 gacctctgga cgctgngacc aggaggatga ccacagccan ggcccgactg gacnncaaac 60
 tngaccctg tctcancana gaaacaccag cctgatgcca ntgcctggca antacagang 120

caactgtata atgatacatt tgtgctgttc taagttacta aattttgtgtt ggctttctata	360
gcaattgcag ataacaaaat atgtggaaca ttttaataaat ttttacattt atatattcta	420
c	421

<210> 899
 <211> 421
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(421)
 <223> n = A,T,C or G

<400> 899	
gactgagatt ttaattcatt gtntttatgt atatggatgt cttgnctgca tgctgtgtnt	60
ggtctaccac ctgtgtgccc agtgcctaca gaggccagaa aatgggtgttg catctcctgg	120
aactgctttt aaaccgccgn gctgggtgctg ggaactcaac ctgagtcac tgcanngctt	180
ttaacctgct gagncatctc ttgacctcct gcaactatgt ttaaccaaag canagccatg	240
gntaaactct ctaacaaaaa caggctgcat ctnccgagaa accgggtcac gaatttnaca	300
ttnacctttg gaggtactc attcttgcag ntgagacaca cctccttgaa catgnttcaa	360
gagctaantg angagaacat ngaaacatta gcctatgcaa ttntgggttg tgttaaattgg	420
g	421

<210> 900
 <211> 421
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(421)
 <223> n = A,T,C or G

<400> 900	
tgctgcctt cccgcgcctg ggacaatgag gcagggggac cagttcangg tcattcacgg	60
ctccaganac tccaaggatg antggatgtg gcagtaactg tgtcaganat gcacaaaatc	120
ctaagtattg cagactaaga tgaagttaat cgtcaatgaa gcaacagaag catcaaaaaa	180
gaactagggg aggggggagt aaagaaaagc aaaagattaa gcagtgccag tcggcttcag	240
caacaaggcg ggggctgact cgggcagcag cggacgccga gcagctggga tctctctgtg	300
tagccctggc tgccttgga ctcactctct gtagaccagg ttggcctcga actcagaaat	360
ccgcctgcct ctgcttccc agtgctggga ttaaaggcgt gcgccaccac caaaaaaaaa	420
a	421

<210> 901
 <211> 419
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(419)
 <223> n = A,T,C or G

<400> 901	
gactgaggag agagctcctc ctagctacac tgaggagaaa agtactctca tggtngcctt	60
cagatcaaga tgcagaactn tnagctcctc tagcatcatg tctgcctgcn ngcnatgcct	120
tgcttnctgn ttggngana ncggactaaa cctctgaaac tgcacctgct ttancgntng	180
taccttgagn gnnttttaaa caacttgctg gtctnaggct ccncttaaag aaactngtga	240
ttngntcctt accgttttct ccaatgaagg gaaggatca nagagaggca gagagacagc	300
nngagaagtt gggagaacac tgaacaaacc gaggacagag tggggtcanc tcaacttanc	360
ctgagttttc agcaactgaa gaactttgga ctccatctgt natctgcaa aaaaaaaaa	419

[illegible]

<400> 902						
gaccatcgag	cagtcacctgc	tggccacacg	ggtggggcagc	atcgccctagc	tcatgcacaa	60
gacccaaaagc	agncatggag	caggaaagga	tttatttcag	catccacctc	cagggtcacgg	120
tccatcaccg	agggaccaac	tcaggcagga	gcctgganac	aagagcttga	agctgcggnn	180
gtggagggg	gcntgattac	tggcttgctc	ccttcagctc	atgttcagcc	tgctttctta	240
tacaactcaa	gactacctgc	ctgaggatgg	cacttgccca	cagtgggcta	ggccttgcca	300
catcagtcaa	tcaacagtca	aggcaggctg	ccactggac	gatctagtct	gagaattacc	360
tgaaaaatcc	ctcagggttg	gactnccttg	agttgacaat	aaaaactctc	caggacagc	419

```
<220>
<221> misc_feature
<222> (1)...(419)
<223> n = A,T,C or G
```

<400> 903						
actgagacag	gaatctagca	tggttgcctt	tccaggagcc	caacaagcag	ctgaaagagt	60
cagatgcaga	tacttaaact	caaccaangg	acagaagctg	gggacccctg	tgattgaatt	120
tgcgaaaggc	tggaagaagc	tgaagaggag	ggtgagcaca	taggaggacc	agcaatctca	180
actaatctgg	acttccaaga	tctctcagac	acttagccac	caactaggca	acatacacca	240
gctgatatga	ggcccttaata	catacagcag	aggactgcct	cttttggcct	ctgtgaaaga	300
agacacacct	aaccctcaag	ggacttgagg	cccaaagaa	tggggaagtc	tggtggggtg	360
ggtgggaaca	tccttggggg	aaggaatggg	atgaggaact	tgtggagggg	ggacctcca	419

```
<220>  
<221> misc_feature  
<222> (1)...(419)  
<223> n = A,T,C or G
```

<400>	904					
gactgagggtg	cccaagccgc	tatcgtcttt	atcaagg nag	ccatcctccc	aggatgcact	60
tcaagggccg	ccggncgctg	ctccgttg tg	aagtggaggc	tccggacccg	gtgcacagt g	120
tactggctgc	tcaatgggg t	gcctgtccag	gacacctgag	cgangntttg	cccagggcag	180
cagnc t g a g t	ttcagcagat	tgtggaccgc	ctccaggatt	ctggtgc t t t	ccagngtgng	240
ggtcgngata	acgtcactgg	agaggaagtc	cgcagtacta	atgcctcctt	naacatcaaa	300
tggatcgagg	cagntcctgt	ggtcctgaag	caccag nct	nagaaagctg	anatccagcc	360
ccanacc c a g	gtcacactgc	gatgccacan	ntntccntcg	acctctgttt	attacacta	419

<220>

<221> misc_feature
 <222> (1)...(418)
 <223> n = A,T,C or G

<400> 905
 gactgagaaa cctcaagtct ttgacatcga ntgtgcagct tgctttacct gancctcttcc 60
 ggcggggccct cgtacntggt ctgctctagg cgggntggtg cngttgtgnt gtgctaagca 120
 taaggctagg aggattgttg cttggcagga ctatcagtat cagggagtct gacctgcact 180
 aaacnctaaa agatacagcn gancctganag ggtagtgcca tcgtcaaagg aggcagctag 240
 agaccaccaa ggnacanntn catcaccanc tacttgagca gngcacagnt ntgnccttgt 300
 ntgatgggcc acatccttgg ntgtatttgg gcctggcctt ctggggatga ggacctaaaa 360
 agaaagnunc cacttgccctc tatttagagc cttaaattggn tgccattgcc ttgagtag 418

<210> 906
 <211> 417
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(417)
 <223> n = A,T,C or G

<400> 906
 actgagagac gtgaagtctc gggcagcatg ccatgggtcg cagaggctgt tcaccatctt 60
 gatctagcaa gattgtttgc gcccctacac cacctctgcc tgaaacaggg ctgtttttcc 120
 ttggaggcag cctgggtcca gaacccatga cttcatatct cagctcacct gcttctccac 180
 tcttcgagtc tgcattctgag tgacccaagc taggacttgg agtctccctg cagggaaagt 240
 acggcagggc cacctccatt ccaagctctt ctcggggctg cctcgacttc tgaccttcta 300
 cccagagctc aggtccttag agaactcacc gctggcactt ccggtagcag gaggaagagg 360
 nntccttccc ttntgtctgt tncaccagga naccgngggg aaccagcat catggga 417

<210> 907
 <211> 417
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(417)
 <223> n = A,T,C or G

<400> 907
 gttggttccc tagagcctac cntcctccn gcctctgana gcgcgcacag agaggacaac 60
 cctggacccc acagcacntc ntgggtgtcgg ttagacaatg ggaggagtgg aagcagcacc 120
 taacgatgac agaagcaaag agtggctcac agcacacctt cccagcaac caacaagagg 180
 tataagaact tttcattttg atgacctggt aaactaagga agcttgtntg ataatatctg 240
 gcagaatttc tactcctaaa agttcatgaa gaaataccta agatcacata ctttctatta 300
 aagaattata tataagctaa ttattacaga tacaacaga aatggaattt taatctattt 360
 ttagcaatta agaagccttg gcaacttaca ataaatatct ttattaaaca aaaaaaa 417

<210> 908
 <211> 416
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(416)
 <223> n = A,T,C or G

<400> 908
 gaagcccagt ccgatgctng tggggcaggg agtttgtgag gcaatattat nctttgctga 60

ataaaagctc	ccgagtattt	gcacacggtc	tctattggca	cngaattcct	gcttatgtct	120
catgggtggg	agtggtattg	caggtggaaa	agccccagg	aaagcagttt	aatggccaaa	180
aatgatatac	naccacanag	tggtatcctc	ntgaaccttc	aggngaattg	tcataccnaa	240
atttcgtcaa	tggtgggatg	ctccatgcaa	cccttgagtn	gattggtngt	agggtgggnac	300
agggtaatgg	ggccttgctt	gtctnancag	gtggacnagn	cttganaggg	aagtttaagt	360
cnaaccctt	tggttntngc	ttccagnaag	ggatcntggg	cccaaaataa	atTTTT	416

<210> 909
 <211> 416
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(416)
 <223> n = A,T,C or G

<400> 909	
gactgaggtg	gatagtcatac
tacnanntgt	gctcanggca
gaatttnnaag	agggtcggtca
gggagacccc	tcattncncc
tnaagtgtta	cgaaagtgtc
tcttanact	gncgctcaan
taagtcattt	naaaagaaca
	gacttattaa
	agaaaaatca
	aacaggaaaa
	aaaaaa
	60
	120
	180
	240
	300
	360
	416

<210> 910
 <211> 416
 <212> DNA
 <213> Mus musculus

<400> 910	
gaactgaggt	tagtgttccc
cgctgtctgg	atgaagcagc
ccagagcgaa	ccagacgtga
acatgcaaac	taatttatag
aaggacacag	gatgccaggg
ctgacagtga	gctactccag
gtggatatct	ttccttgctt
	tgcgagcctg
	tgaaactgaa
	aggagttcct
	tgacagaaga
	gtgcgtgggg
	aggatggact
	gtaaattata
	ttctcagcta
	caagcacagg
	gtaggatttc
	gagatgacgg
	tattttcaag
	tgtcaatgtt
	cttcagtga
	aatcaggaca
	caggccacca
	cgtgtctcca
	gttgccctggg
	gagatggaaa
	catcgaactg
	gctggaaaaa
	catccacctt
	caccgaattc
	acgttctaga
	aacaggatgg
	cgtttttcat
	gacactcaga
	aaaaaa
	60
	120
	180
	240
	300
	360
	416

<210> 911
 <211> 415
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(415)
 <223> n = A,T,C or G

<400> 911	
gaagcatggg	tggttntntg
tctgatttaa	acatgggtcc
tcctgtgtga	gtaagactcc
ttattataga	gtataccatg
caaccattag	ttgtcatttt
gtataattgg	atgagaagag
agtcacggac	gatgactacg
	nggacacagg
	gtgctcacac
	aaattattct
	tattgagaca
	aattagtgac
	gtgtaacacg
	tcactanagg
	ctgaggncc
	ctgagaacca
	ctaccctctg
	actcaatggg
	tcattctgag
	gtcaatcatc
	gacgaggttt
	atagcaaaaa
	atggctccag
	tgctcacaag
	atgctctacc
	aaacaaaatg
	aaacatgctt
	cggtgattata
	aaaaa
	60
	120
	180
	240
	300
	360
	415

<210> 912
 <211> 414
 <212> DNA
 <213> Mus musculus

[illegible]

```
<210> 913
<211> 414
<212> DNA
<213> Mus musculus
```

<400> 913						
gactgaggta	ctttattttgt	gggaaagana	tacggacctg	aatattgcag	gtgctgagat	60
gtaagaagac	tgctgtagag	tcgcagatga	caatctttgg	ccttccta	cacatgagta	120
ttgtcaatgc	cagccagaca	ttgnaatn	catggatngt	gntgttacag	tnggggtgaca	180
ctgnnnngcnn	angnggcnga	nantgntggg	cagnnttact	nacngntntt	gacaggaatn	240
ctgggtgcanc	aggaaaacttc	agtattggn	actgtgccat	ccnaangcgc	aggggtgaaga	300
ttccaagctg	gattcatttt	tggtatgca	gntaactgag	gacttggatt	ccttaataca	360
gaacgccttt	gagaaattaa	actctcctcc	tgatgaccaa	gtataaaaaa	aaaa	414

```
<210> 914
<211> 414
<212> DNA
<213> Mus musculus
```

```
<220>  
<221> misc_feature  
<222> (1)...(414)  
<223> n = A,T,C or G
```

<400> 914						
actgaggtct	cgggtggtctc	agngggcagaa	ccgaangcat	nttnntggag	cccatccacc	60
tgtcctcggc	tgtanntgnc	aaacngatcn	tcatcnaaga	nctcangcct	cggaggcatc	120
agaacagnca	ctgagttgnt	caggcnatgc	naggngtctc	gcngggacaa	nntgcatggt	180
tggaagaccn	tgtacaaccn	gtgtncnnng	atgaagatgg	atgacaggan	cctgttcaac	240
accctntgng	aggatggacct	gcancgggcg	ctgacccagg	accggcgaag	agccccgctn	300
gaatgaggan	ggatgagngn	tgccccaacg	tcttcttagc	tcganaaaag	cggtggntgt	360
gaacaagggg	cnggntcang	aggctgggcn	tcaccacat	ttcttgaatg	gcag	414

```
<210> 915
<211> 413
<212> DNA
<213> Mus musculus
```

```
<220>  
<221> misc_feature  
<222> (1)...(413)  
<223> n = A,T,C or G
```

245

agccccccctg cccccccaggc aagaggtctg agaaccactg taaaaaaaaa aa

412

<210> 919
<211> 411
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(411)
<223> n = A,T,C or G

<400> 919
cgcggggggg gggcgcgcg gngngccccg gcngcggggg gncggggcg cgggcnnggc 60
ccggcngcgg gggccggcgg gngcngcgg ggggcgcgcg ccgcgncgcg gggggcgggc 120
gngngcggcg nggncggcgg cggggngcgc gcggccgggc gcgcgcggcg cgccgcgcgcg 180
cgncgcngcc ggcggggcgcn cgggcggggg cggcgggggg cggggngngg gcggggcgcg 240
nggcgcgcgc gnggcggcgg ggccggccgc cgcgcgccgc cgcgcgcgng gggcggcggc 300
gcggcggggc gcgcgcgcgn cgggcggcgg ngcgngngcn gggggcggcg nggccgcgcg 360
cggccggcgg cnggcggcgg cggnggcgcg cgcgcgccgc cggcgggggc g 411

<210> 920
<211> 410
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(410)
<223> n = A,T,C or G

<400> 920
gtttcgaagt gacctgcagt ggatcctctt ttgtgctgac ctgccatcat gcatccagga 60
aggccctcag tgagnactgg nggccttgan ggatggcnga agctcttctg tcaacacctg 120
acanggtntn tntggaaaga ctagngcagg nggccaagga ganaggctac accgcacagg 180
gagaanntgn tctcagnngc tgacatggcc aaactgnccc angagacttt ggactgncag 240
gctgagctcc tgnngagngg nttgggtggt ccnaacagan atnngagntc tacagnncct 300
natcactgga cattcantgc tnattcccta tgatgaggat tttaaccacn agcngtgtna 360
aaagaaaggc cataaaggcc cantggacag tgagtgcagg ggtcctgata 410

<210> 921
<211> 408
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(408)
<223> n = A,T,C or G

<400> 921
gctgacatta caagagggnc tggccntacc canacctctt tnntagntac tgacaangaa 60
aaacgaganc ntnangtgag cgcanncaca gcttnчнаат ccaganncag gannattcct 120
ganattcaca tcccagcntg ccacatggtg gnatcacaac catctgnaag tgagatctga 180
ccttctctct ctggcatgtc tgaagacagc ctacagtgtg cttatgtata ataaataaat 240
ctttggggccc gagtgancaa gaactgtntn agngggntn nccngncctg agcngagggt 300
cnaaaaaaat caattctcaa caagcatatg anggctccca accacctgnt cagctacagc 360
ngtaccctta tacatagnat actgaatana taaatccttt taaaaaga 408

<210> 922
<211> 407
<212> DNA
<213> Mus musculus

```

<400> 922
gaactgagta gagtttttct ctatagccct ggctgtcctg gaactcattg tactctctag      60
accaggctgg cctcaaaactc agaaatcctg cctgcttctg cctcccaagt gctgggatta      120
aaggcgtgag ccaccactgt cctgccccggg cccctgctaa ggttttaagg aaagtatgga      180
aagtatttta cattataata cctgtattta ctggccacac gccgtttctt tgatctattt      240
tagagttgcc agagtatctt gggaaaattg tttagcatac tgtcaagatt tgtgctttga      300
aggttatttt gggggcctgt gaaacatttg cagataaatc tgcttctatt aaaaatctgt      360
tggttggtga ttcattaaaaa tcctcaaatt caagttaaaa aaaaaaa      407

```

```

<210> 923
<211> 404
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(404)
<223> n = A,T,C or G

```

```

<400> 923
gactgaggag acttctctgt gcctgtnagc acagaggcct ntgngtnccc tacagggaga      60
caccctgccca ngcgccacag aaatgccctt tcagntccg gatgcctgtg gaagcttgat      120
ggtggcancg tancctgaag ctggtagcct gaagaccngg ggacactgga gcgagtcctg      180
cttgtttgca gtcccagttt gagcctaang aggataacag ccagggngga agantgtggc      240
ccanccctgc cggaagagac cgaagagacc gtctcaccct gctnctcctt accacaggaa      300
ccaggtcctc cttctggccc tgaaggcagg cctttgctac cagttgctaa cttcccaggt      360
ttaccccaaa taatgtttta tcattgntcc cactaaaaaa aaaa      404

```

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<210> 924
<211> 401
<212> DNA
<213> Mus musculus

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```

<220>
<221> misc_feature
<222> (1)...(401)
<223> n = A,T,C or G

```

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<400> 924
gactgagacc cacggagccg cangcgccca cacctacnct cacctgctgg gaccacngng      60
gacaatgntg aaaggntgnc ccctgccnng tgcaaaccga gagcannttt tnactctctc      120
cttgactacg actaagactc cgnctctang gcacacnng acggacacaa nagtaagact      180
gcttgatga gngaattggn tnggaattgc tcctggggac tgtattccng ctccttcgtt      240
gggtgcanat gaanaactac tgnatgaaaa tanaaggngt aaataggaaa agctggatga      300
nagaatggtt tggaattgct ccctgggact gtattccggc tccttcggtt ggtgcaaagt      360
attaactact gtatgaaaaa aaaagggtga aataggataa a      401

```

```

<210> 925
<211> 401
<212> DNA
<213> Mus musculus

```

```

<220>
<221> misc_feature
<222> (1)...(401)
<223> n = A,T,C or G

```

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<400> 925
gacttgaggt gctttcagag aaccngangc aggggtggnga atcacctgga ngcggaatca      60
cctgnccatt ntgagccacc ctgtgagagt tcctgggtgat cacnatoctt cctgactgtn      120
gaaccatctg ncttagcctt atactataag ctgctctncc cttncnagn anatgcctgg      180
ctatcgtaa cnangactcg ggcnggcatt gttggctttt cctttgcttn ggttcaaang      240
ggcaaaagat gatcngcttt tcttgcaaat gaccccttgg aagcccctgt gctttgaaag      300

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gctatacccc tatacacact aaanagccat gacctctngg ggactgggtt cgggagcaat 360
 taaacagcac ccagatgagc tcaagatccc aaaaaaaaaa a 401

<210> 926
 <211> 395
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(395)
 <223> n = A,T,C or G

<400> 926
 aagcctgacc aagggactng cncaggacgt gatccatag gaanananan gtgcctgggt 60
 tntatggaga aagtggcaag gttagaacaa aagcatgcct tggagcttnt ctgttgnttg 120
 aaacaaccac tgtnnacact tntgatcaca gaagtcttcc taggagatac tggcagggng 180
 gngcctgaca tgccaatata taatagtata gggacctagg atgnggatgg gccancaagg 240
 agntgatgnc acctaggagg ctganacagg gcttctctgg atggtggcat ttggacttnt 300
 taaggacata agtgtntntt cccagatgac tggnaaaagg ctttgcttaa ataattgtta 360
 ttcttttccc aaatattaaa aatcaaataa aaatt 395

<210> 927
 <211> 394
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(394)
 <223> n = A,T,C or G

<400> 927
 caccacgttt caaagccctg cantttccaa cagctccgng cgagcgacag acacacttgg 60
 gcctcaccgc agcttctgtg aaaggcagac atgatttcat ctaatgaatg gatggtaaca 120
 aaatgagctc caggaagcct gcctgcctac tctctcccc aaccacaccc agagaaatgg 180
 aagcctncaa cagaaaaggg ctgggcaggt cccaacacca ccctcaaag gaaagaacgg 240
 agaaaagaaa gggacggaag gacaccccc tcaacagctt cccgtctgca cgagggaaca 300
 ctagaagggt cagtgggaac gccttagacc tctgatctgc taacaggccc gatggcctca 360
 ctctaaccat ccattaacta aggatgtgca ccat 394

<210> 928
 <211> 392
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(392)
 <223> n = A,T,C or G

<400> 928
 ctggtgctgg gggcggcacc ctngggccgc acgccatnat gacttcttgg gggngctntc 60
 ngaggaccgg acaggaagnn tgggtggntg gatatttgcg gacgaanagg cncggggccgc 120
 gcgcngtgac gcngctggnc anctgcangc cgcccacncg ctgacgtcnc gncnccgnan 180
 gctntactna ctnggntgcc ggacaccnna gnacaagang ctttgtancc atccccacag 240
 agacnnacag acggactcca caaggnnnccg cgtgtcgccg aggccgccag gacggagcga 300
 ttctcacgga ggaaggagca cgccaacagg gcctgactgc gtacagacat gtccccctca 360
 ataaaattgc agttgaaatg gaaaaaaaaa aa 392

<210> 929
 <211> 391
 <212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(391)

<223> n = A,T,C or G

<400> 929

ccccctaata	cactccctaa	gctnccattt	cagaatgata	cagaaaagca	cntgacgagc	60
agggctacat	tgaataagca	acatgataaa	agccaataag	gacttttaata	tttcatgaaa	120
agttaaaaaa	tcaaagtnta	cagaaaagatt	cagctacact	tgggcctgga	gaggtgggtc	180
agtggtagaag	agcacctgat	ggctcttcca	taggacccag	gttcagttcc	cagcacccat	240
atggtaggta	acaatgggtc	gtgagtccag	ttccagaggc	ccaatgcctt	cttctggacc	300
tcttaggtac	caggcatatg	tgtggtacac	agacatacat	gcaagcaaaa	taccataaca	360
cataaaatta	anataaatat	gactttttaga	g			391

<210> 930

<211> 390

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(390)

<223> n = A,T,C or G

<400> 930

ctcataactca	cttccnagca	ctgtgcacac	cggtagtncc	tntnnatnca	acgnctttct	60
atnctgnttg	gcagaacgtg	ggaaaccctc	ggctattacg	ccgtacgtgg	gggcgtngng	120
accttntaac	tgacnnga	ctacnatncc	tagtggcaca	ggcgaaacnc	cannggacgt	180
gnatatgagc	ctaccgcgtc	tcanctcnct	tggngactca	atgccaggg	ncttcaancc	240
tgcgaggact	aggaaatggn	aagtntcnnc	ctacangngc	ngccctnncn	nattaccctn	300
tctcttcggt	cccaangagg	cagtgtacat	aagtgaaagg	actcggtta	taagatccca	360
cccatttggc	gagcaaaatt	aaagtcacga				390

<210> 931

<211> 389

<212> DNA

<213> Mus musculus

<400> 931

ccaaaccctg	gtaatatata	tgataactctg	tcattgcttac	gcaccagagc	ctaacctaac	60
tttcctctta	gagcctccag	acatcagcta	tccaaatctg	aagttgagac	tgacccccca	120
aacattggag	gaagctccaa	aagtcttggtg	gaggatttgt	aggagagatt	ggggaacca	180
gaggggataa	aaacttcaca	agtagagcaa	gagagtcaac	tgacctggac	ccttgggtgt	240
tctcagagac	tgaaccacca	atcaaaatgc	attcatggct	ggtactacac	tccccctcca	300
cacacaagca	gcttgggtatt	cagacacat	acccaagaaa	tggagcagga	agagtccag	360
actatgttgc	ctgcctgtgg	atactattc				389

<210> 932

<211> 388

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(388)

<223> n = A,T,C or G

<400> 932

ggggtcttta	ccactacccc	ncanganag	ccacagtga	ctggancngc	tctnatccag	60
ncctgccctg	ngtcacggcc	tcttgngctg	gcctcacagn	ctcctegggg	nggatctnca	120
ggccctacag	gnncgnatgg	naactgancg	ctatttctc	cnancgctgg	gttnataaga	180

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<220>
<221> misc_feature
<222> (1)...(387)
<223> n = A,T,C or G
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<210> 934
<211> 386
<212> DNA
<213> Mus musculus
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<400>	934								
gactgagcat	tctccctttt	gaagtttgtg	gagcatccag	atctgggacg	accaggaacg				60
cgttctgcgg	ttgaggacag	tcacccgaga	aaatctacta	tctgaagctc	catcccgacc				120
accctgagac	tgtcttccac	ttttggatcc	gcctggttca	aattctgcat	aagggtctgt				180
ccatcaccac	caaggaccct	accatncttg	tacttacttg	cctggtaccc	aagagccttt				240
gcagcccagg	tggaaagact	gagttagtg	agaagaaatc	gaaaggcttc	cagcccagtg				300
agagcctcac	acatctgatg	gccaggggg	agagcgagac	cctctcccag	atcttttccg				360
acttgcac	gcagaaacag	tacagg							386

```
<210> 935
<211> 385
<212> DNA
<213> Mus musculus
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<220>  
<221> misc_feature  
<222> (1)...(385)  
<223> n = A,T,C or G
```

<400>	935						
ctctctctca	ctctggatga	caacgtgcga	ncatgcngan	attacctagt	cagagtnnac		60
antaaaagct	gagagtcctt	cacagngtng	aaacctgagc	atgcntgaga	tgacgtcaca		120
anagaaaggn	ttcaaagccn	agttttgaga	ccagagcnnn	gtgcccanaa	gaagcagata		180
ccaggccaat	tgctttggaa	gaggtaaacc	tctttataan	tgaggctcct	cgaaaggaca		240
ctttccancc	tgttgnnctg	cctgcagnnn	tgggttttgn	gttcaaggtt	ntnanttttn		300
gnaactntna	cccaggtngg	gggynaattt	gctgttgcaa	ccnttttttg	gtnatntntg		360
ntcctgnaag	aaaccccttg	cccat					385

251

Year	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

<400> 936

<210> 937

<211> 381

<212> DNA

<213> Mus musculus

<400> 937

<210> 938

<211> 380

<212> DNA

<213> Mus musculus

 $\langle 220 \rangle$

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<221> misc_feature
<222> (1)...(380)
<223> n = A,T,C or G
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<400> 938

<210> 939

<211> 379

<212> DNA

<213> Mus musculus

$\langle 220 \rangle$

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<221> misc_feature
<222> (1)...(379)
<223> n = A,T,C or G
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<400> 939

gactgagaca ggggccaagc atagctgttc tctgagaggc tctacgagaa gctgactgac 60

acagatgcag	agaattacag	ccaaccattg	gactgaggtt	ggacacccct	atggaagagt	120
tggatgaagg	attgaaagaa	ctgaaggtga	tggcaactac	cataggaaaa	ccaacagtgc	180
caactaacct	ggacccatgg	gagcaaccaa	ngaacataca	tggactggcc	catggcccct	240
ggcatatatg	tagcagagaa	ctgctttgtc	tagcctcaat	gggagaggat	gaacctaatc	300
ctatgggagac	ttgatgcca	agggaagggg	gataacccag	ggatgggggca	gtaaagttag	360
gtgaggtggg	gatgggtgg					379

<210> 940
 <211> 379
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(379)
 <223> n = A,T,C or G

<400> 940						
aaggctggat	tactcgacac	tgactgctca	ttcggaaga	cntgggattc	cgttcctagc	60
acatgnatgc	atgcatacnt	acatncatac	atacatacat	acaacnaatn	gtanangatg	120
caagatnadc	gcagccannc	atnanactgt	gcacatgaga	ccccaatgga	cngagttagg	180
agggactgaa	ggagctgagg	ggattttatct	gacatcnnta	ggagggggagg	ccgttggncc	240
tgtgagggct	tgatgcccta	gtgtagatga	atgctagggc	agngaggggg	gagtgggtgg	300
ntaggggagc	accctnatag	aagcagggta	aggggggata	gnataggagg	nttacagagg	360
gggaaaacgg	gaaagggat					379

<210> 941
 <211> 379
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(379)
 <223> n = A,T,C or G

<400> 941						
atgttgccac	agtaccctct	gccannancc	atnncaganc	actccagtga	cagatcaatc	60
nncangaaat	ggagatgcca	tangatgant	ttgacttctg	tgaaaccctg	acagntcaac	120
gttnntgagg	antancaaac	atcaccttgg	ttactacatg	gaacattgcg	tgagncctag	180
taatactgat	ggccccaagg	acctgcaagg	gtttggctct	aagactcccc	tccaaaatcc	240
ttcgaagtat	ganaccctta	tataaaaacga	tntgggaagc	tggnagctg	tcgtaaacaa	300
atcccacaca	tttgtatnct	ttaaatagnc	tctggatatc	ttaagggtatc	taatacacta	360
tgagaactat	aaaagaaat					379

<210> 942
 <211> 379
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(379)
 <223> n = A,T,C or G

<400> 942						
ttacattctt	gagaanctct	cnnccgtcgg	accggctgcc	tggecnggtn	nccactgnag	60
nccngnanc	tgtccacngg	angaagantg	tctgtgagca	cagtctncat	gttnactgtc	120
atcatgccgn	ccctgatata	atggaggaaa	tgaatggtca	tttaagaatc	ctcattggct	180
aaagagctgg	nggtttaaan	gaatgaatct	aatgcaaact	gtgaagggct	ggncctggna	240
ttaagaagat	ggacgattct	gtgaagggaa	tgtgctaaga	cttgntngtt	gaaaatggaa	300
ttattaatgg	cttgctcagta	aagttaanaa	tgccttaaat	cattcctctn	ttactctatn	360
natagaagaa	ataaaaacag					379

Year	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
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<220>
<221> misc_feature
<222> (1)...(375)
<223> n = A,T,C or G
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<210> 948
<211> 373
<212> DNA
<213> Mus musculus
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<220>  
<221> misc_feature  
<222> (1)...(373)  
<223> n = A,T,C or G
```

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<210> 949
<211> 373
<212> DNA
<213> Mus musculus
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<220>
<221> misc_feature
<222> (1)...(373)
<223> n = A,T,C or G
```

255

ctctttttaac aaa

373

<210> 950
<211> 373
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(373)
<223> n = A,T,C or G

<400> 950
ccagaacatg attcattcgg tgaaagggga cgggtgaanc cttgntntan nnnctngcnc 60
naaccnnact ntanggttnag gctnnatcnt ggtgagaata canaaaaactt cntctactga 120
actatgaaag caggaatcac cacgtggagg agttgactgg ccgggcaagc atanagaggg 180
natccgttga gaccccgagg agcctgcacn gttctgcaga cagctgtagc ttccatgaac 240
ctgtccccgc cctgggaagg gcttcttggt gaagcaactg cttttggggc atccntggaa 300
gtnacccctt cacacaagag ccttggttagt gaccncccc caaaaaaac cgggnggggtt 360
cgaaaaaaa aaa 373

<210> 951
<211> 372
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(372)
<223> n = A,T,C or G

<400> 951
aatcttgcca ggccaacag anggaggcca gngnccttga tccgnggntg attcttaanc 60
ttgaagncna ccancatctc ctccaagacc agagccantg aggcccttag gaanctggcc 120
canattgana ccaagatcct gaatcgnaag cagggtgcca tggcttggtc tgatnggan 180
tctgactcca catccatcga gcagagtctt cctaagagga cagggtgcagc ttctgtttct 240
tcccagtagc cacacagaac tttccagaaa caagngaacn aaacatgtgn gtnanagagc 300
gatgggcca gtggtaacgg tagcagggtt ctgaagaaga aggagctgcc cactgaagcg 360
aggtccccag gg 372

<210> 952
<211> 371
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(371)
<223> n = A,T,C or G

<400> 952
aagggttga actgtggcct gacnacagcc gncctntgac cangnnnnna nccccggga 60
gcngcttggt caaacttgca tgtcaacagg gcagcctgct acttcacat ggtgcgtcca 120
ccatcctcca acccctacc ctagccgggc cccgcccccc agccttgccc tacacgccct 180
tagcctagga cccgcccccc agcagtgccc tacacgccc tagcctagga cccgccccctc 240
acctcttctc agttctctcc tattttaaaa gacagtgtct cattatgtag ctccgggcta 300
gcctggaatt ttcagtgtat tagaccagga attttgtgta tacaactcan aggggaacac 360
acacttgccct t 371

<210> 953
<211> 370
<212> DNA
<213> Mus musculus

```

<400> 953
gactgagcct ccctttcagg taaaaccagt ttgctggagg ctgctggatg gctacaggtg      60
gcacctgaat gaagggcctg aaaacagggg aacctactga gaaacgggtgt cttgggtgga      120
gctccataga aaacacaaga aaagtgaag tatccatgaa gcatgaaaga aaatggagcc      180
tcaatgactg cctgaaagat tggttcatca agtggacatg gatcctgggc cttgtaataa      240
tgatgatacc aatgatgaag acagttcaga atccctatca gccagctaag ttgacctgga      300
gcgttgcttc tatgctcact ggagatcaaa tacactcagc tccctgagac accatcctta      360
aaaaaaaaa                                     370

<210> 954
<211> 368
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(368)
<223> n = A,T,C or G

<400> 954
gactgagggtg ctgataatct cttgtgcca gcnaaccggg agcgaacagc ccattttaccg      60
attgctaacg aatacgactt cgcattttcc agacaaaagg gcgttaaaag agatccgatg      120
caaattttatt cttccctggg aaaggagtgt tctcccgaat tccattttat ggagtatacc      180
ttaaagttaa aggcagcaag ttcatttttt agtcaaaagc actaggtgcc ttactagctg      240
tgtgactgct acatctgggt gcagaacact tgcattgcaag gagccagaaa acttagaaaa      300
caattgtaac cgatctcagt gcgtgttttg cagaaacctt caagcaggaa tttccaccaa      360
aaaaaaaaa                                     368

<210> 955
<211> 366
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(366)
<223> n = A,T,C or G

<400> 955
caccatgagc tggaaacctg tggcaggaca tcccaaactc aaactgcatt actgagagca      60
acaccatnct caccttttagg tggcagctcc ttctccact cacatcatcc tacaganaag      120
gtggagaagg tggagagcga tgacacggac tgaggaagga ttggaattga tgcaagctcc      180
aggctttgct ccattttctg aagatttaca catagatacc tctcaatggg cagtagtctt      240
aaatatagct aattttcttaa ctaatnaant gattctggag ttttcttatn ctttaaagtgc      300
tgcatagtag actatcactt gtaattactc ttgattcctt ttgaatttgn actgtcaaat      360
acaggt                                     366

<210> 956
<211> 366
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(366)
<223> n = A,T,C or G

<400> 956
cgagccctgg gctggaancc ctaccggctc cntgntggga aaatagacgg cccggcctga      60
cgcatntctg cggtagccgg agancgggga cnncgcngg ncnggnggcc ntgccccogn      120
ncgcenctgc accnctacgc ctggttccgc tctctgggtc aggnnggttt tttaagtcag      180
gtgtgggggt acacaccttt ggtcctagca cnttgggggt tcagaggcag acgaatctct      240
gagttcaagg acagcttggt ctacaaagcc agtccagggc agccaggggt ggttatatgg      300

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ctacattgag aaaccctgtc ttgaaacacc aaaacccaaa caactgcccc aacccaaaaa 360
aaaaaa 366

<210> 957
<211> 366
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(366)
<223> n = A,T,C or G

<400> 957
gactgaggca caacacttga agangacgtc ctcagcgtcg ngntgggctg tccttggaac 60
ggagngacan agctgcctga gangngcaaa aaanactanc cataacattc atgactgtcc 120
ttaangaca gatattgact cctgccccgg tgagaccctg gaaaactgga caggcntctc 180
ccatgccaca gtcattgtca gaaccacagc cagagaggct tcttgacccc actgctagaa 240
tcaagagcct agaaggaggc aatgtttctg caggccagct tccctagggt tctcagcctt 300
tggcaattgt ggagatgtga cttccatgaa tataaacaga ccatactttc ctctcaaaaa 360
aaaaaa 366

<210> 958
<211> 365
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(365)
<223> n = A,T,C or G

<400> 958
tatgtggagc acaccnactt gntccatttc ctancancan cancagatga tgctgcantn 60
anacgtcntt cccnccctca tntctnnan nagctancag ctccanctca tccaagcctg 120
tatcacgacg ngctcncagc agnggacatt catttaaacc ctgngctttc ccatnacacn 180
gaggactngg acaagtata cagcgtagct ttcttttagac tagttaatat cccaattgtc 240
ttangatttc caaaagagat gctgcaccta gacagtagga agcagtttta agagaatgat 300
atcccttttc cccaaaaatg aggtggatgt tttttggtca tttggagggt gatgaatgtg 360
tgttg 365

<210> 959
<211> 364
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(364)
<223> n = A,T,C or G

<400> 959
cgcccgaggc ccgacgnccg gggcccacga cttttcnan cctgctgact gctgactgcc 60
acctaggctt ctgtaagcgc tacactgttc acctccacac tgtgggttta gaccagtgtt 120
tctcaagctt cacaatgctg agacccttta atacagttct tcatgctgtg ctgaccccca 180
gccatacaaa cattaagaga atntcnngtc anttacaggn gncangagga gcatacctat 240
gaggntcgag cgggnaagaa atnctanag ggcnnatng nntntncaa angcangagt 300
gnnganagag ngaatcaacg atgatggagn catnccctgt tnaagtaatt accattccag 360
ggtg 364

<210> 960
<211> 361
<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(361)

<223> n = A,T,C or G

<400> 960

atgaactggg	gtgaancnga	tcccgtggga	cctatacctg	ttcntcngga	ccgcgtgtgg	60
agcccnncnc	ctaccccgct	gtgccanggg	atgncctngc	gacnnncnnn	ccccctggct	120
nntgtggctn	ntatggtncc	cnntnntcnt	gggtanggca	ncgtgtcccc	tnccnccccg	180
ccctgtgggt	ccgaagcagt	accccntcca	atanntctgt	acctggcgcg	gggtggtgcg	240
cctcccaaag	ancctgagcc	cgtgggtcac	tatgatatct	gaggaggctt	gatgggcttt	300
gtgccctcgt	tcctagaggc	ttaaccataa	taaaatccct	aataaagctc	aaaaaaaaaa	360
a						361

<210> 961

<211> 360

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(360)

<223> n = A,T,C or G

<400> 961

gaggatggcc	agaagcgcat	atgggttacga	aggaataaga	tcagcgcagc	tgaagagcag	60
agccaacaca	gggaaggaat	gttctggaga	ctcagacccg	tggctgagtg	atthttgagta	120
aaagagaaat	gattttgcgt	gttaaaaaga	acagcaacag	caatgaccaa	ggaacacatc	180
ttattcaatt	tttgttgaaa	ggagatttan	aaatagttaa	tctggtctgg	aatttctcaa	240
cctcttatca	atattgacat	ttggatggga	tagttttgtg	ccattgaggt	aaaagagtaa	300
gctaaataaa	ttctacctgc	ccccatttct	ttcagtacac	ttcacagaaa	aaaggaaaaa	360

<210> 962

<211> 359

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(359)

<223> n = A,T,C or G

<400> 962

tgtatagctt	caactgctnn	tcccggtntg	aggnatgang	ganncacnga	caggatactc	60
cccngntcat	tggngnatct	aaaatctgan	nnnctgtacc	tcttnacngt	gcctgtnanc	120
ntnggccana	aggctganaa	ngaangncat	ggcctgtacg	ncttgggatg	gaaggtccaa	180
acccttttca	nccacntgtc	tgcagtgtcc	ggagntcca	ccccgtgtct	gnttntccg	240
aaccactccg	ggngggtttg	gcaagaatat	cgtctganaa	tactgacctg	gtgtatttgt	300
tctgttataa	ctaaatacct	gagactgaat	aatctataat	aaaaagtaat	ttttcaaag	359

<210> 963

<211> 358

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(358)

<223> n = A,T,C or G

<400> 963

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(355)
<223> n = A,T,C or G

<400> 967
gagaaggctg acagcaaagg agaaaaagcc tttgaacttg tcaaacttga tagcaggttt 60
tgctaaacta accacacnt caagcnggaa ggctctgtgc aggttcaaca tacggccggc 120
agagctttgc tggctgcgca tctccacaca ggcagaacac ctgcttcac ttcagcactg 180
tgaatagtgc ctggaatata gcaggcgctg gagagaacgg gttggggccaa attggaggaa 240
attgttaaaa ctaccgngn gncnccggg nnnnccggtt ggggtgcggn atttttggcc 300
cttgtaacc ttcaccagg nccccctt taaaaaaaa atgccccca ggaaa 355

<210> 968
<211> 353
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(353)
<223> n = A,T,C or G

<400> 968
actgcccctg ttaggaaggc ctgcgccgaa agaccgttg nccacctcac tcttcnttgc 60
cttctagctt gnggagaact gcgatgtgaa agagtcttgc ctttgaacag nctcagctag 120
cnctagggcn ggcccactt tctttttggg tatacatctt agggactatg tcagaacttc 180
gttntagcca gcttatttga gtctttttta aaattgctgt ttagctggct atagtnggga 240
catgcctat aatcccagcn gnccaggaag ttggggcagg aaagactnta tgcangttca 300
aggaccagcn tggccttatc tnaaaacaac cnantcctgc tgtgcttgac tta 353

<210> 969
<211> 352
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(352)
<223> n = A,T,C or G

<400> 969
gccattaga gggcgggngg agganaatat tccggaagct caacctgatg acctgaaaaa 60
gcatggttga agctgactaa caaagtcaga actctcagga agatgcagtt tgcgtgagga 120
cagctataga agaacataga aatccacatg cttggaatct gagttctgta aaccccctgt 180
actggctggt tttgtgtgtc aacctgacac aagctggagt tatcaccgag aaaggagcct 240
cccttgagga aatgcctcat aagatntggc tgtaaggcat tttcccaatt agtgatcaag 300
gggggaaggg cccattgggg anggtgccat ccctgggctg gtagtcctgg gt 352

<210> 970
<211> 351
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(351)
<223> n = A,T,C or G

<400> 970

caggtccac	tatgtcgccc	aggttgccat	cagngacagc	tgggactgca	ggcncanagt	60
acctggacca	gnagagntnn	ntattnttga	tggaagtaga	ttatgggtct	caaagtgtct	120
cacatcnana	anntgagtc	cctntantnt	acagggntaa	cantaaantg	agtgatgata	180
agngcttctg	aaattgttnt	acttgngctg	nananatggc	tgagagggtta	agaacacntg	240
actacttttc	cagagggttct	tgagttcaaa	tcccagnaac	catatggagg	ctcacaacca	300
tctgtnatga	gatctgatgc	cctcttctg	tgtgcctgaa	gacagccaca	g	351

<210> 971
 <211> 351
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(351)
 <223> n = A,T,C or G

<400> 971	
gactgagatg	atgctcatga
ngaggactca	tctgnncaag
angctgaagg	aggaggtgcg
gacttgccggc	agacagtgga
cgcgggcgca	ggccgctgca
gggcctccct	gcaacgggtct
tgcagcagga	accngctnng
acaagcgctt	ggtggaggag
cgaaaagcct	gcaccagcct
aaggcgcaag	ccaagttctt
gccgcctgca	gggaggccaa
gacaagagga	cggtcggcct
t	

<210> 972
 <211> 351
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(351)
 <223> n = A,T,C or G

<400> 972	
gacctctgct	gaccttgtgg
cntgacgcct	gnttgatgtt
ttagnnnnng	actggngctga
actactctct	aaacangtcc
tgatgatagga	cgactanaa
aatntaagc	ctatagaaca
agccntctnt	ntcaatttct
tgccantaag	gctggactgc
acaacagaga	tatgccaatn
tttntacta	acctttttat
ggatgatgaa	ncattcaaga
tatctgatta	ctctgtagta
c	

<210> 973
 <211> 350
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(350)
 <223> n = A,T,C or G

<400> 973	
aaggattaaa	catggagacc
tgancaggna	gttgcaanac
ntnaaatnan	ngcnattntt
tcannagact	cttntgcaaa
tctcgatg	tagctcacag
gtctgctctc	canaggcatt
ggncctgctt	ccttctgaat
tcacagnccg	atggcttacc
tnnggnntgc	cngcgacccc
cactnacana	naggacaaaa
agtgacttgt	gggctggaga
ctctagtctt	agagaaccta
gatatacaga	cacacatgca

<210> 974
 <211> 350

[illegible]

<400> 974

<210> 975

<211> 349

<212> DNA

<213> Mus musculus

 $\langle 220 \rangle$

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<221> misc_feature
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<222> (1) ... (349)

$\langle 223 \rangle$ n = A, T, C or G

<400> 975

<210> 976

<211> 348

<212> DNA

<213> Mus musculus

 $\langle 220 \rangle$

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<221> misc_feature
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 $\langle 222 \rangle \quad (1) \dots (348)$

<223> n = A, T, C or G

<400> 976

<210> 977

<211> 346

<212> DNA

<213> Mus musculus

 $\langle 220 \rangle$

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<221> misc_feature
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 $\langle 222 \rangle \quad (1) \dots (346)$

<223> n = A, T, C or G

<400> 977

tgcttataat	ttagcaggcc	tactgactgt	ggggacccat	ccccaataga	tacatcctac	60
agatgaaccc	aaggcgtcac	aaccttttgn	aagaaggggc	accaacactg	aanaatcagg	120
cnaccangaa	gtntgctgng	agattgtttn	tctaaggaat	aacaggaaaag	cagcatnanc	180
caaataatcnn	ctatatggat	ggctnnncaga	actanaacag	agacaatttc	aacaaacatg	240
gcatgtcgnc	atgtgcctgt	tactcccaca	cncncagaac	ttgtgtggga	agatttcaag	300
ntcaagacta	gcctaagnta	tgnatanggc	tatatctatg	aagaac		346

<210> 978
 <211> 345
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(345)
 <223> n = A,T,C or G

<400> 978						
gactgagaga	aaggaaacag	gctctganana	ntaagcaact	catcccactt	gctcaaccag	60
catatgtggg	agacctgaca	acccgcccctg	tgtggcggtt	tcacaagcca	acgcccagcc	120
acaggggacg	actgttcctg	ggactggaag	gngtgnatac	ggctntgtnc	tntcaaagggt	180
canganaggg	nattanancc	cttgattgttn	aattnacggc	tgggatgggtg	tgtgacccac	240
cattcggggn	nggantncaa	tctgtgttnt	ctgntanagc	aacgagngct	cttaaccact	300
gcactgcctc	tctagacctt	tttgggtaga	atttaaataca	tatca		345

<210> 979
 <211> 343
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(343)
 <223> n = A,T,C or G

<400> 979						
acattcttgg	aaaggacgaa	gaaggggcctc	tctgannatg	tngtatttgg	tactgagccc	60
cttcaggacc	ggagagagcn	tggcntcttg	gggaacngcg	atgcaanggt	ccctgaggcc	120
ccttggtatg	cnttgnccctg	cacgaanagc	ctganagngn	agaggtgcct	nnaatgnnc	180
catcaaggga	nnganagcag	ancccttcga	caggcaaacc	aggggaagtt	gtacacagag	240
cccgacttcc	tgtctcatgt	gctcttctgc	atgagtggca	cggcctctcc	tccctcttct	300
ctgctagaaa	gacaatgtcc	ttccagtgtt	cacaaaaaaaa	aaa		343

<210> 980
 <211> 341
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(341)
 <223> n = A,T,C or G

<400> 980						
gaacttgagc	ggtacatggg	tttcagggnt	caattcaggt	tccggggcttt	cttcagccac	60
tgccttanct	gctgaactct	ttcactttgc	gccgaagcgg	naccacaaat	gctggngtan	120
gagantggaa	ggtttggtc	ancagtttaa	gancacttgc	tgctcttgca	ganggcctga	180
gttcagttcc	cagtgtcccac	cttgggtggc	tcaccactgc	ctgcaactcc	agctccccggg	240
gactggcatc	tctagccacc	gctggcaccc	gtataccct	tacacagaca	catacatgga	300
caaactaaaa	gtaatcaaat	aaacctttta	aaagtaaaaa	a		341

<210> 981
 <211> 339

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(339)
<223> n = A,T,C or G

<400> 981
tgctggtaca cgcattgtggc ncaaactagc accggcaagt gtatgtagga ctcccgnnttt 60
ccttagncga ttactgncaa tgcccattga cttccatgna tgtaccgga ggatntnttg 120
gccgcagatt ggctgcaggt tggagcttgt cgattccggt ggctgtaatt agnatntggg 180
tagcacttcc tcccacaata nntaaacaat gtancaggna acacaaanca agctgnctna 240
gactgnacaa agttgangca gactgnggac agannaggtt tnggggtacn ttgnaggtgn 300
nctaccttgt aaggaatcag aacatttggg aagtgggtgg 339

<210> 982
<211> 338
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(338)
<223> n = A,T,C or G

<400> 982
ttccagctcg gtaccggggg atcgaagttc ctantgcaa gaggcatttc caggcccagg 60
gtgggacccc gcntacctgc tccttctgcc tgaccagcat cctcagggtg gcatccattn 120
tctccagggtg ggtggggcag ctggggcggg ctgaagacag attgcacact gtccctgnng 180
gngggnggcca gcacnaatnc ttcattgatt ctggaggctt anctcaaate aagantgttn 240
aatattattg gctggagaga tgcctcaccg gttangaaca ctactccag agntcttgag 300
ttcaattccc ancagttaca ngggggctta caaccatc 338

<210> 983
<211> 337
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

<400> 983
cgccaagatt ctgaacatnc ttgctctgnt catctacctc atctttctac atcatagctt 60
atcngtttat acagctttaa cttactaagg ntacccaaag ataattagaa cccactaagg 120
tacggtacta actagttagg gtangctaata tantaattta nctaaaactt agtaccgaa 180
tttaagatct ttnaggancc tattaannaa cttaaagggg gggancttca ttgcccttgg 240
ccaaaggnan tgggnctact aaantgnttc catgncctg gcctnnggga annaaagcct 300
tccatggngc tttgnccctt aaaagttgcc cctttaa 337

<210> 984
<211> 337
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

<400> 984

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(333)
<223> n = A,T,C or G

<400> 988
cgtgagccgc cacctgcagc cccacacagta tgtggcccgg gaacccccctg aaggcacccc 60
atctgatgtg gacatggacg ggtcctcagg cacctactgg ccagtgaact cagaccaggc 120
tgtgcctgag ctggacctgg gctggcccct cacatttggc ttccaaggca cagaggtcac 180
cacactggta cagccgcccgc cacctgacag cccagcatc aaagatgaag ctccggaggat 240
gatccgctct gccagcagg tgcattctca cgggcttgaa ngatggtgaa aggcagccca 300
agccccgggtt ttgaagcatg aataggaggg tgg 333

<210> 989
<211> 333
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(333)
<223> n = A,T,C or G

<400> 989
gtgtcccga ctcttgaggt cttcatgaga tcatgactcc cctcnccca cnggtgtgcg 60
gatgtacctn cntactccct cataaccnng ggacggtgga ggcaggtggc tctgggtttg 120
aggacaacct ggtttacntn ctgnngcgca cagtgaaganc ttgcctcaan taancacgag 180
gncanacaagc angacnngta tcccattann ganggtatga ngagccaccn tnnngttgnt 240
ggaaatagaa cgtcacccgac tcatacaaaa accaccactn nattttatcc acnngancca 300
tcctccagc cccatcaata aactttccat act 333

<210> 990
<211> 333
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(333)
<223> n = A,T,C or G

<400> 990
agactgaggt ccccccctgtg gaacgctcct cccatccatc cctcctttat tttgatgtnt 60
attaaatgaa cgtattcacc ttacnnnccn gagnganann cgatgaagan canancncnc 120
tgccacgagg cccancccag gggttntccg acggagagga ctngancgag gccgtatcat 180
gctctgngga ccgcttcagc gataccagga taaatacnag ctgagaaaagg ctccgangct 240
gagcactagc tcctgccggg ctgggagaga gatcctggtt ttgatactag anagcatagg 300
aaaattgata ntcaggccta gcaaaaaaaaa gaa 333

<210> 991
<211> 333
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(333)
<223> n = A,T,C or G

<400> 991

tcccgtctgct	gcaccacntg	cntgctctgn	tggctntggc	ggcaggcngc	ntgtngtgca	60
ccattggaac	tactanacan	ctgnntncag	tgaacagtcn	tgcnctgct	agnctcctt	120
gaaccttgaa	caagtgtctt	tgcatgacga	gccacctctn	cagcctcaac	ntgtgtactt	180
ttaattattc	ttanngtatt	agatgagtca	ctgaatctag	gtaatgaaat	aattcattca	240
aaatctaaaa	ntaaactgtt	tactttttaa	tatgcttaan	gtatnanatg	agtcactgaa	300
tctaggnaat	ganatanttc	attcaaattc	gca			333

<210> 992
 <211> 332
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(332)
 <223> n = A,T,C or G

<400> 992						
gactgaggat	tagaatggcg	atgcgtgggc	tggtgagatg	gctnancggc	taagagtgcc	60
ggctgctctt	ccataggnc	tgagttcana	tcctagcaac	cacatgggtg	ctcacaacca	120
tccgtaacga	aatctgatgc	gcctcttctg	gagtgtcntg	aagacagctt	acatgttggt	180
cttacatata	ataaatatna	naatnntant	ggccatccag	tacgcgaggg	atgaanggtc	240
ncactctttt	naanganagg	antgacgcag	acgagagtga	gcggaggtgt	ttaatagaat	300
gcgaggtcan	nctctggcta	ctccagttag	tt			332

<210> 993
 <211> 332
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(332)
 <223> n = A,T,C or G

<400> 993						
accaactgta	agcagcttgc	anctggggcng	cgctgtgaag	aggagcccat	ttcatcaata	60
aagtgcacna	gtaananggc	accngntgcc	gttanagggtg	gttggtgagct	accatgtggt	120
tgcttgaggat	ttgaactccg	gaccttcgga	agagcanatc	catgcatctt	aactncctga	180
gccatntntc	cagcccatatg	cctttgtntt	tcttatagaa	aaaatcaatg	cgttannnta	240
tagaanaccg	aggattttct	gtatttgcct	accataattc	ttcagccatt	gtaagtatca	300
nantgattgt	atttttggac	agttttgtgt	ta			332

<210> 994
 <211> 331
 <212> DNA
 <213> Mus musculus

<220>
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 <222> (1)...(331)
 <223> n = A,T,C or G

<400> 994						
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ganaccaccc	tancngntcc	aaaatnatnn	ccgngtgatn	ccaccngtgt	cgcttcagag	180
taaaaaactc	tatacctgcg	gaactgttnc	gtccctcaaa	ttatnanaat	taccatgcnt	240
ggccgngnt	atggctgata	aanttgtctac	tgatctggta	tgtggagagg	ccctggggtc	300
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<210> 995
 <211> 331

<212> DNA
<213> Mus musculus

<220>
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<223> n = A,T,C or G

<400> 995
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tacctancac ttggtngnga gggcctgcag gccntgcccc tgcctanctg ngaanaaaag 180
ggaaagagta aagacaattg tccagcacta gcagtctcag gcccgaagc agaggggccc 240
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tggttgnatg aataaacata attccccctc g 331

<210> 996
<211> 330
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(330)
<223> n = A,T,C or G

<400> 996
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atggagtttc ctttgaaaac agggcctgcc cgggctgttg cccctctgac tgtagaagcg 180
agaataaagg aaaaatacac taccttttct gcttcggggg aaaacatcga aagaaagagg 240
tttttccgaa agagtgttga gatgacagaa gatgacaaag ttgccgaatc ttcccgcaga 300
gatgaaagan aagctgcaac aaatatttca 330

<210> 997
<211> 329
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(329)
<223> n = A,T,C or G

<400> 997
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atcgctttca actctgaccg ccagncatc cccacagaca atccccctnc ttgtattgga 180
ccttgggctg ggattgatca cnatgaanat ttgaaaagtc cttgtacagt gttgtgttgc 240
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actcagaccc catctcaaag aaaacaaaa 329

<210> 998
<211> 326
<212> DNA
<213> Mus musculus

<220>
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<222> (1)...(326)
<223> n = A,T,C or G

<400> 998

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anacttgngn	tcggtntcat	atntccatnt	ntntcataat	ttttctattt	attcttgnat	180
nacttnaatt	gcccattaac	actntattca	tgtncgatat	taatttagaa	caagaatgat	240
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<210> 999
 <211> 325
 <212> DNA
 <213> Mus musculus

<220>
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 <222> (1)...(325)
 <223> n = A,T,C or G

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agtagactat	nnaanatgac	anatcnctaa	gcaaggataa	nctggccata	cacctgngag	180
aacctgatcc	ttgngacttg	ccantcaggc	ntanaaaacg	atgaccactt	gnatctgctt	240
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<210> 1000
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 <212> DNA
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<220>
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 <222> (1)...(323)
 <223> n = A,T,C or G

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cagannccan	cntgcttggt	catccnatga	ggacctgaan	accagnanct	ctccaggaat	180
cttccangcc	ttcagcacca	nattgnnnct	gctgaggaag	annccantca	catngactaa	240
ggagctattg	gnntcccana	ttctccanag	aggagtaact	atgntnngnac	taacctagnt	300
natggcatgt	ttctgcacca	tcc				323